Nokia C5–03 User Guide

Issue 2.2

Contents

Safety 5
Battery removing 5

Get started 6
Insert the SIM card and battery 6
Insert the memory card 8
Remove the memory card 9
Charge the battery 10
Keys and parts 11
Switch the device on 12
Lock the keys and touch screen 12
Home screen 13
Access the menu 14
Touch screen actions 14
Change the ringing tone 15
Nokia Services 16
About Ovi Store 16

Your device 16
Device setup 16
Settings wizard 17
Copy content from your old device 17
Display indicators 18
Contacts bar 20
Antenna locations 20
Offline profile 20
Shortcuts 21
Volume and loudspeaker control 21
Sensor settings and display rotation 22
Remote lock 22
Headset 22
Attach a wrist strap 23

Make calls 23
Calls 23
During a call 24
Voice mailbox 25
Answer or reject a call 25
Make a conference call 25
Speed dial a phone number 26
Call waiting 26
Voice dialling 27
Log 27

Write text 29
Virtual keyboard 29
Handwriting 30
Enter text with the virtual keypad 31
Touch input settings 33

Contacts 34
Save phone numbers and mail addresses 34
Manage names and numbers 34
Assign default numbers and addresses 35
Ringing tones, images, and call text for contacts 35
Copy contacts 36
SIM services 36

Messaging 37
Messaging main view 37
Write and send messages 38
Receive messages 39
Multimedia messages 39
Data, settings, and web service messages 40
Set up e-mail 40
Mailbox 41
Mail for Exchange 43
View messages on a SIM card 44
Service commands 44
Messaging settings 44

Personalise your device 46
Change the look of your device 46
Profiles 47

Music folder 47
Music player 47

Ovi Music 49
Nokia Podcasting 50
Radio 51

Camera 52
Activate the camera 52
Image capture 52
Video recording 55

Gallery 55
View and organise files 55
View images and videos 56
Organise images and videos 57

Share online 57
About Share online 57
Subscribe to an online sharing service 57
Manage your accounts 58
Create a post 58
Post files from Gallery 58

Nokia Video Centre 59
View and download videos 59
Video feeds 60
My videos 61
Copy your videos between your phone and computer 61
Video centre settings 61

Internet 62
About the web browser 62
Browse the web 62
Add a bookmark 63
Subscribe to a web feed 63

Positioning (GPS) 63
About GPS 63
About assisted GPS (A-GPS) 64
Hold your device correctly 64
Tips on creating a GPS connection 65
Position requests 66
Landmarks 66
GPS data 66
Positioning settings 66

Maps 67
Maps overview 67
View your location and the map 68
Map view 69
Change the look of the map 69
Download and update maps 70
About positioning methods 70
Find a location 71
View location details 72
Save or view a place or route 72
Send a place to a friend 73
Check in 73
Synchronise your Favourites 74
Get voice guidance 75
Use the compass 75
Drive to your destination 76
Navigation view 77
Get traffic and safety information 77
Walk to your destination 78
Plan a route 79

Connectivity 80
Data connections and access points 80
Network settings 81
Wireless LAN 81
Access points 84
View your active data connections 86
Synchronisation 87
Bluetooth connectivity 87
Transfer data using a USB cable 91
PC connections 92
Administrative settings 92

Search 93
About Search 93
Start a search 93

Other applications 94

Clock 94
Calendar 95
File manager 96
Application manager 97
RealPlayer 99
Recorder 101
Write a note 101
Make a calculation 101
Converter 102
Dictionary 102

Settings 102
Phone settings 102
Call settings 107

Find help 109
In-device help 109
Support 109
Update phone software and applications using your phone 110
Update phone software using your PC 110
Settings 110
Access codes 110
Prolong battery life 111
Increase available memory 112

Protect the environment 113
Save energy 113
Recycle 113

Product and safety information 113

Index 120

Safety

Read these simple guidelines. Not following them may be dangerous or illegal. For further information, read the complete user guide.

SWITCH OFF IN RESTRICTED AREAS

Switch the device off when mobile phone use is not allowed or when it may cause interference or danger, for example, in aircraft, in hospitals or near medical equipment, fuel, chemicals, or blasting areas. Obey all instructions in restricted areas.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless devices may be susceptible to interference, which could affect performance.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

KEEP YOUR DEVICE DRY

Your device is not water-resistant. Keep it dry.

PROTECT YOUR HEARING

Listen to a headset at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

Battery removing

Switch the device off and disconnect the charger before removing the battery.

Get started

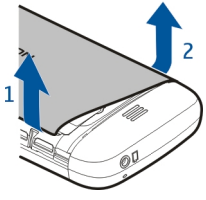
Insert the SIM card and battery

Safe removal. Always switch the device off and disconnect the charger before removing the battery.

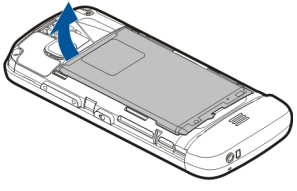
Important: Do not use a mini-UICC SIM card, also known as a micro-SIM card, a micro-SIM card with an adapter, or a SIM card that has a mini-UICC cutout (see figure) in this device. A micro SIM card is smaller than the standard SIM card. This device does not support the use of micro-SIM cards and use of incompatible SIM cards may damage the card or the device, and may corrupt data stored on the card.

A SIM card may be already inserted in the device. If not, do the following:

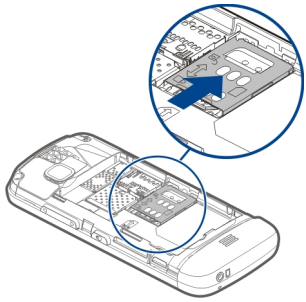
1 Remove the back cover.



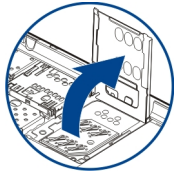
2 Remove the battery, if inserted.



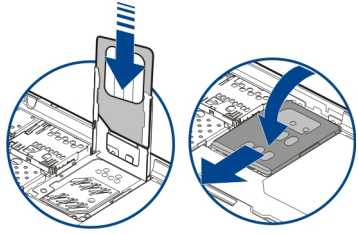
3 Slide the SIM card holder, to unlock it.



4 Lift the SIM card holder up.

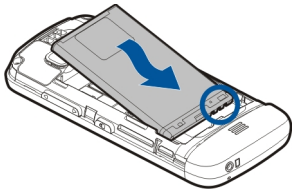


5 Make sure the contact area of the SIM card is facing toward the device, and slide the SIM card into the SIM card holder.

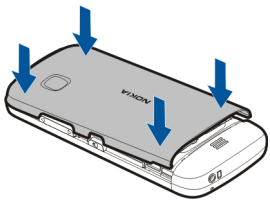


6 Lower the SIM card holder into place. Slide the SIM card holder, to lock it.

7 Line up the battery contacts, and insert the battery.



8 To replace the cover, direct the top locking catches toward their slots, and press down until the cover locks into place.

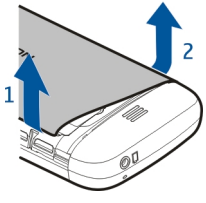


If the SIM card is not properly in place, the device can only be used in the offline profile.

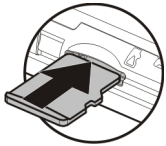
Insert the memory card

Use only compatible memory cards approved by Nokia for use with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.

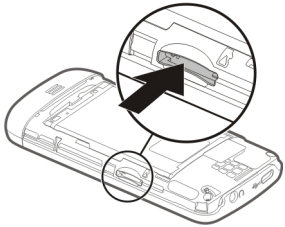
1 Remove the back cover.



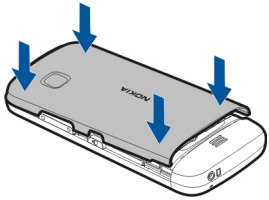
2 Make sure the contact area of a compatible memory card is facing down, and insert it into the memory card slot.



3 Push the card in, until you hear a click.



4 Replace the back cover.



Remove the memory card

Important: Do not remove the memory card when an application is using it. Doing so may damage the memory card and the device and corrupt data stored on the card.

1 If the device is switched on, before you remove the card, press the power key, and select **Remove memory card**.

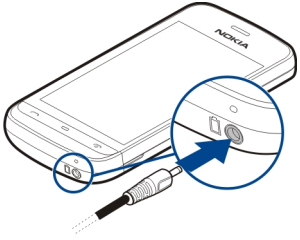
2 When **Remove memory card? Some applications will be closed.** is displayed, select **Yes**.

3 When **Remove memory card and press 'OK'** is displayed, remove the back cover of the device, and push the card in, until you hear a click.
4 Pull out the memory card, and replace the back cover. If the device is switched on, select **OK**.

Charge the battery

Your battery has been partially charged at the factory, but you may need to recharge it before you can switch on your device for the first time. If the device indicates a low charge, do the following:

1 Connect the charger to a wall outlet.
2 Connect the charger to the device.



3 When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.

You do not need to charge the battery for a specific length of time, and you can use the device while it is charging. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

Tip: Disconnect the charger from the wall outlet when the charger is not in use. A charger that is connected to the outlet consumes power even when it is not connected to the device.

USB charging

You can use USB charging when a wall outlet is not available. Data can be transferred while charging the device. The efficiency of USB charging power varies significantly, and it may take a long time for charging to start and the device to start functioning.

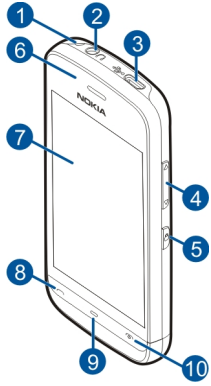
1 Use a compatible USB data cable to connect your device to a compatible USB device.

Depending on the type of the device that is used for charging, it may take a while for charging to start.

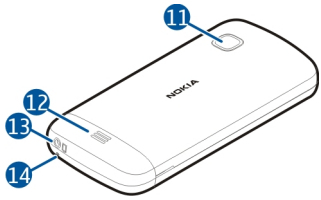
2 If the device is switched on, select the appropriate USB mode.

Only connect your device to products that have USB-IF logo.

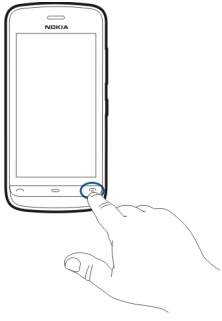
Keys and parts



1 Wrist strap hole
2 Nokia AV connector (3.5 mm)
3 Micro USB connector
4 Volume/Zoom key
5 Lock key
6 Earpiece
7 Touch screen
8 Call key
9 Menu key
10 End/power key
11 Camera lens
12 Loudspeaker
13 Charger connector
14 Microphone



Switch the device on



1 Press and hold the power key.
2 If the device asks for a PIN code or lock code, enter it, and select **OK**. To delete a number, select ⌫. The factory setting for the lock code is **12345**.
3 Select your location. If you accidentally select the wrong location, select **Back**.
4 Enter the date and time. When using the 12-hour time format, to switch between a.m. and p.m., select any number.

Lock the keys and touch screen

To lock the touch screen and the keys, press the lock key on the side of the device.

To unlock, press the lock key on the side of the device, and select the unlock icon on the screen.

When the touch screen and keys are locked, the touch screen is switched off and the keys are inactive.

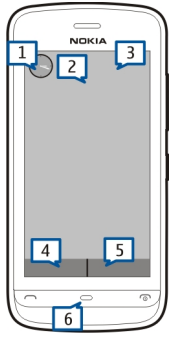
The screen and keys may be locked automatically after a period of inactivity.

To change the settings for automatic screen and key locking, select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Auto. keyguard** > **Keypad autolock period**.

Home screen

The home screen is your starting point where you can collect all your important contacts or application shortcuts.

Interactive display elements



To open the clock application, tap the clock (1).

To open calendar or change profiles in the home screen, tap the date or the profile name (2).

To view or modify connectivity settings (⇌), to see the available wireless LANs if WLAN scanning is enabled, or to view missed events, tap the top right corner (3).

To make a phone call, select (4), or, if the contacts bar is active, select **Telephone**.

To open Contacts, select (5), or, if the contacts bar is active, select **Contacts**.

To open the main menu, press the menu key (6).

Start using the contacts bar

To add a contact to the contacts bar, in the home screen, select and a contact, and follow the displayed instructions.

Contacts need to be saved in the phone memory.

To add a new contact to your contacts list, select > **Options** > **New contact**, and follow the displayed instructions.

Contacts added from the contacts bar are always saved to the phone memory.

Change the home screen theme

To change the home screen theme or the shortcuts, select **Menu** > **Settings** and **Personal** > **Home screen**.

Access the menu

To access the menu, press the menu key.

To open an application or folder in the menu, select the item.

Touch screen actions

Open an application or other screen element

Tap the application or element once.

To view the options available for the opened item, select **Options** or, if available, select an icon from a toolbar.

Access functions quickly

Tap and hold the item. A pop-up menu with available options opens. For example, to send an image, tap and hold the image, and from the pop-up menu, select the appropriate option.

Tip: To see the options available for an opened item, such as an image or a video clip, tap the screen.

Select

In this user documentation, opening applications or items by tapping them is called "selecting". If you need to select several items in a sequence, the menu items to select are separated by arrows.

For example, to select **Options** > **Help**, tap **Options**, and then tap **Help**.

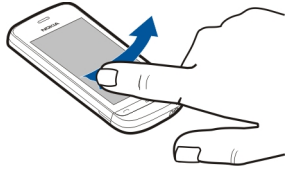
Drag an item

Tap and hold the item, and slide your finger across the screen. The item follows your finger.

To scroll up or down on a web page, drag the page with your finger.

Swipe

Place a finger on the screen, and steadily slide your finger in the desired direction.



When viewing an image, to view the next or previous image, swipe the image left or right, respectively.

Scroll

To scroll up or down in lists that have a scroll bar, drag the slider of the scroll bar.

Place your finger on the screen, slide it quickly up or down the screen, then lift your finger. The content of the screen scrolls with the speed and direction it had at the moment of release. To select an item from a scrolling list and to stop the movement, tap the item.

Tip: To view a brief description of an icon, place your finger on the icon. Descriptions are not available for all icons.

Touch screen backlight

The touch screen backlight is turned off after a period of inactivity. To turn the screen backlight on, tap the screen.

If the touch screen and keys are locked, tapping the screen does not turn the screen backlight on.

Change the ringing tone

Select **Menu** > **Settings** and **Personal** > **Profiles**.

You can use profiles to set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups.
To personalise a profile, go to the profile, and select **Personalise**.

Nokia Services

With Nokia Services, you can find new places and services, and stay in touch with your friends. You can do, for example, the following:

- Get a free Nokia Mail powered by Yahoo! account

Some items are free of charge, others you may need to pay for.

The available services may also vary by country or region, and not all languages are supported.

To use Nokia Services, you need a Nokia account. When you access a service on your phone, you are prompted to create an account.

For more information, go to www.nokia.com/support.

About Ovi Store

In Ovi Store, you can download mobile games, applications, videos, images, themes, and ringing tones to your device. Some items are free of charge; others you need to pay for with your credit card or in your phone bill. The availability of payment methods depends on your country of residence and your network service provider. Ovi Store offers content that is compatible with your mobile device and relevant to your tastes and location.

Your device

Device setup

With the Phone setup application, you can do the following, for example:

- Define the regional settings, such as the language of the device.
- Transfer data from your old device.
- Personalise your device.
- Set up your mail accounts.
- Sign up for the My Nokia service to receive free tips, tricks, and support for your Nokia device. You will also receive notifications when new software updates are available for your device.
- Activate Ovi services.

When you switch on your device for the first time, the Phone setup application opens. To open the application later, select **Menu** > **Applications** > **Tools** > **Phone setup**.

Settings wizard

With Settings wizard, you can define e-mail and connection settings. The availability of the items in Settings wizard depends on the features of the device, SIM card, service provider, and the data in the Settings wizard database.

Select **Menu** > **Applications** > **Tools** > **Sett. wizard**.

To get the best results when using Settings wizard, keep your SIM card inserted in the device. If the SIM card is not inserted, follow the instructions on the display.

Select from the following:

Operator — Define the operator-specific settings, such as MMS, internet, WAP, and streaming settings.

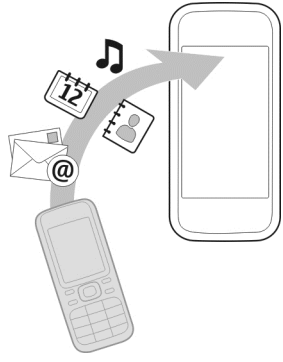
E-mail setup — Set up a POP, IMAP, or Mail for Exchange account.

The settings available for editing may vary.

Copy content from your old device

Want to move important information from your old device and start using your new device quickly? Use Switch to move or copy, for example, contacts, calendar entries, and pictures to your new device free of charge.

Select **Menu** > **Applications** > **Tools** > **Switch**.



If your old Nokia device does not have the Switch application, your new device sends it in a message. Open the message in the old device, and follow the instructions.

1 Select the connection type you want to use to transfer the data, and connect the devices. Both devices must support the selected connection type.
2 On your device, select the content you want to transfer from the other device.

Display indicators

General indicators

	The touch screen and keys are locked.
	The device alerts silently for incoming calls or messages.
	You have set a clock alarm.
	You are using a timed profile.

Call indicators

	Someone has tried to call you.
	You have set your device to divert incoming calls to another number (network service).
	Your device is ready for an internet call.
	You have an ongoing data call (network service).

Messaging indicators

	You have unread messages. If the indicator is blinking, the SIM card memory for messages may be full.
	You have received new mail.
	You have messages waiting to be sent in the Outbox folder.

Network indicators

	Your device is connected to a GSM network (network service).
	Your device is connected to a 3G network (network service).

3.5G	High-speed downlink packet access (HSDPA) / high-speed uplink packet access (HSUPA) (network service) in the 3G network is activated.
	You have a GPRS packet data connection (network service). indicates that the connection is on hold and that a connection is being established.
E	You have an EGPRS packet data connection (network service). indicates that the connection is on hold and that a connection is being established.
3G	You have a 3G packet data connection (network service). indicates that the connection is suspended and that a connection is being established.
3.5G	You have a high-speed downlink packet access (HSDPA) connection (network service). indicates that the connection is suspended and that a connection is being established.
	A WLAN connection is available (network service). indicates that the connection is encrypted and that the connection is not encrypted.

Connectivity indicators

	Bluetooth is active. indicates that your device is sending data. If the indicator is blinking, your device is trying to connect to another device.
	You have connected a USB cable to your device.
	GPS is active.
	The device is synchronising.
	You have connected a compatible headset to the device.
	You have connected a compatible text phone to the device.

Contacts bar

To add a contact to the home screen, on the home screen, select > **Options** > **New contact**, and follow the instructions.

To communicate with a contact, select the contact and from the following:

— Call the contact.

— Send a message to the contact.

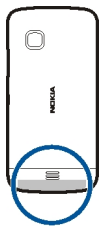
— Refresh the contact's web feeds.

To view past communication events with a contact, select the contact. To view the details of a communication event, select the event.

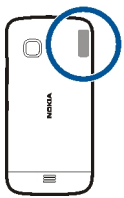
To close the view, select .

Antenna locations

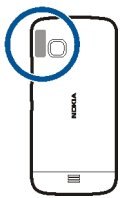
Avoid touching the antenna area while the antenna is in use. Contact with antennas affects the communication quality and may reduce battery life due to higher power level during operation.



Cellular antenna



GPS antenna



Bluetooth and WLAN antenna

Offline profile

The offline profile lets you use the device without connecting to the wireless cellular network. When the offline profile is active, you can use your device without a SIM card.

Activate the offline profile

Press the power key briefly, and select **Offline**.

When you activate the offline profile, the connection to the cellular network is closed. All radio frequency signals to and from the device to the cellular network are prevented. If you try to send messages using the cellular network, they are placed in the Outbox folder to be sent later.

Important: In the offline profile you cannot make or receive any calls, or use other features that require cellular network coverage. You may be able to call the official emergency number programmed into your device.To make calls, you must first change to another profile.

When you have activated the offline profile, you can still use a wireless LAN (WLAN), for example, to read your e-mail or browse on the internet. You can also use Bluetooth connectivity while in the offline profile. Remember to comply with any applicable safety requirements when establishing and using WLAN or Bluetooth connections.

Shortcuts

To switch between open applications, press and hold the menu key.
Leaving applications running in the background increases the demand on battery power and reduces the battery life.

To change the profile, press the power key, and select a profile.

To call your voice mailbox (network service), in the dialler, tap and hold **1**.

To open a list of last dialled numbers, in the home screen, press the call key.

To use voice commands, in the home screen, press and hold the call key.

Volume and loudspeaker control

Adjust the volume of a phone call or sound clip
Use the volume keys.

The built-in loudspeaker allows you to speak and listen from a short distance without having to hold the device to your ear.

Use the loudspeaker during a call

Select **Activate loudsp.**.

Turn off the loudspeaker

Select **Activate handset**.

Sensor settings and display rotation

When you activate the sensors in your device, you can control certain functions by turning the device.

Select **Menu** > **Settings** and **Phone** > **Sensor settings**.

Select from the following:

Sensors — Activate the sensors.

Turning control — Select **Silencing calls** and **Snoozing alarms** to mute calls and snooze alarms by turning your device so that the display faces down. Select **Auto-rotate display** to rotate the display content automatically when you turn the device on its left side or back to a vertical position. Some applications and features may not support rotating the display content.

Remote lock

You can lock your device remotely using a predefined text message. You can also lock the memory card remotely.

Enable remote locking

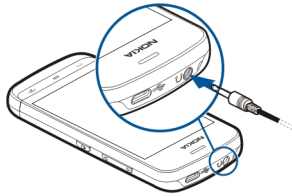
1 Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Phone and SIM card** > **Remote phone locking** > **Enabled**.
2 Enter the text message content (5-20 characters), verify it, and enter the lock code.

Lock your device remotely

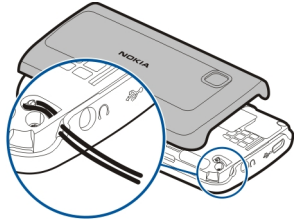
Write the predefined text message, and send it to your device. To unlock your device, you need the lock code.

Headset

You can connect a compatible headset or compatible headphones to your device.



Attach a wrist strap



Make calls

Calls

1 In the home screen, select **Telephone** to open the dialler, and enter the phone number, including the area code. To remove a number, select ⌫.

   For international calls, select * twice for the + character (which replaces the international access code), and enter the country code, area code (omit the leading zero if necessary), and phone number.

2 To make the call, press the call key.

3 To end the call (or to cancel the call attempt), press the end key.

   Pressing the end key always ends a call, even if another application is active.

To make a call from the contacts list, select **Menu** > **Contacts**.

Go to the desired name. Or, select the search field, enter the first letters or characters of the name, and go to the name.

To call the contact, press the call key. If you have saved several numbers for a contact, select the desired number from the list, and press the call key.

During a call

To use the following options, first press the lock key to unlock the device.

Mute or unmute the microphone
Select or .

Put an active voice call on hold
Select or .

Activate the loudspeaker
Select . If you have attached a compatible headset with Bluetooth connectivity, to route the sound to the headset, select **Options** > **Activate BT handsfree**.

Switch back to the handset
Select .

End a call
Select .

Switch between active and held calls
Select **Options** > **Swap**.

Tip: To put an active call on hold, press the call key. To activate the held call, press the call key again.

Send DTMF tone strings
1 Select **Options** > **Send DTMF**.
2 Enter the DTMF string or search for it from the contacts list.
3 To enter a wait character (w) or a pause character (p), press * repeatedly.
4 To send the tone, select the tone. You can add DTMF tones to the phone number or DTMF field in contact details.

End an active call and replace it with another incoming call
Select **Options** > **Replace**.

End all calls
Select **Options** > **End all calls**.

Many of the options that you can use during a voice call are network services.

Voice mailbox

To call your voice mailbox (network service), in the home screen, select **Telephone**, and select and hold **1**.

1 To change the phone number of your voice mailbox, select **Menu** > **Settings** and **Calling** > **Call mailbox**, and a mailbox. Select and hold the current number.
2 Enter the number (obtained from your network service provider), and select **OK**.

Answer or reject a call

Answer a call
Press the call key.

Mute the ringing tone of an incoming call
Select .

Send a reject call text message
Select **Send msg.**, edit the message text, and press the call key. With the reply message you can inform the caller that you cannot answer the call.

Reject a call
Press the end key. If you activate the **Call divert** > **Voice calls** > **If busy** function in phone settings, rejecting an incoming call also diverts the call.

Activate the reject call text message feature
Select **Menu** > **Settings** and **Calling** > **Call** > **Reject call with message** > **Yes**.

Write a standard reject call text message
Select **Menu** > **Settings** and **Calling** > **Call** > **Message text**, and write the message.

Make a conference call

Your device supports conference calls between a maximum of six participants, including yourself.

Conference calling is a network service.

1 Make a call to the first participant.
2 To make a call to another participant, select **Options** > **New call**. The first call is put on hold.
3 When the new call is answered, to add the first participant to the conference call, select .

Add a new participant to a conference call

Make a call to another participant, and add the new call to the conference call.

Have a private conversation with a conference call participant

Select .

Go to the participant, and select . The conference call is put on hold on your device. The other participants continue the conference call.

To return to the conference call, select .

Drop a participant from a conference call

Select , go to the participant, and select .

End an active conference call

Press the end key.

Speed dial a phone number

To activate speed dialling, select **Menu** > **Settings** and **Calling** > **Call** > **Speed dialling**.

To assign a phone number to one of the number keys:

1 Select **Menu** > **Settings** and **Calling** > **Speed dialling**.

2 Go to the key to which you want to assign the phone number, and select **Options** > **Assign**.

1 and 2 are reserved for the voice and video mailboxes if the network supports these functions.

To call in the home screen when speed dialling is active, select to open the dialler, and select and hold the assigned key number.

Call waiting

With call waiting (network service), you can answer a call when you have another call in progress.

Activate call waiting

Select **Menu** > **Settings** and **Calling** > **Call** > **Call waiting**.

Answer a waiting call

Press the call key. The first call is put on hold.

Swap between an active call and a call on hold
Select **Options** > **Swap**.

Connect the call on hold to the active call
Select **Options** > **Transfer**. You disconnect yourself from the calls.

End an active call
Press the end key.

End both calls
Select **Options** > **End all calls**.

Voice dialling

Your device automatically creates a voice tag for contacts.

Listen to a voice tag for a contact
1 Select a contact and **Options** > **Voice tag details**.
2 Go to a contact detail, and select **Options** > **Play voice tag**.

Make a call with a voice tag
Note: Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

When you use voice dialling, the loudspeaker is in use. Hold the device at a short distance away when you say the voice tag.

1 To start voice dialling, in the home screen, press and hold the call key. If a compatible headset with the headset key is attached, press and hold the headset key to start voice dialling.
2 A short tone sounds, and **Speak now** is displayed. Say clearly the name that is saved for the contact.
3 The device plays a synthesised voice tag for the recognised contact in the selected device language, and displays the name and number. To cancel the voice dialling, select **Quit**.

If several numbers are saved for a name, you can say also the name and the number type, such as mobile or telephone.

Log

The Log application stores information about the communication history of the device. The device registers missed and received calls only if the network supports these functions, and the device is switched on and within the network service area.

Recent calls

You can view information about your recent calls.

Select **Menu** > **Applications** > **Log** and **Recent calls**.

View missed, received, and dialled calls

Select **Missed calls**, **Received calls**, or **Dialled numbers**.

Tip: To open the dialled numbers list in the home screen, press the call key.

Select **Options** and from the following:

Clear list — Clear the selected recent calls list.

Settings — Select **Log duration** and the length of time that the communication information is saved in the log. If you select **No log**, no information is saved in the log.

Tip: To save a phone number from a recent calls list to your contacts, select and hold the phone number, and from the pop-up menu, select **Save to Contacts**.

Packet data

Select **Menu** > **Applications** > **Log**.

You may be charged for your packet data connections by the amount of data sent and received.

Check the amount of data sent or received during packet data connections

Select **Data counter** > **All sent data** or **All received data**.

Clear both sent and received information

Select **Data counter** > **Options** > **Clear counters**. You need the lock code to clear the information.

Call duration

You can view the approximate duration of your last call, dialled and received calls, and all calls.

Select **Menu** > **Applications** > **Log** and **Call duration**.

Monitor all communication events

In the general log, you can view information on communication events, such as voice calls, text messages, or data and wireless LAN (WLAN) connections registered by your phone.

Select **Menu** > **Applications** > **Log**.

Open the general log

Open the general log tab .

Subevents, such as a text message sent in more than one part and packet data connections, are logged as one communication event. Connections to your mailbox, multimedia messaging centre, or web pages are shown as packet data connections.

View the packet data connection details

Go to an incoming or outgoing packet data connection event indicated with **GPRS**, and select the connection event.

Copy a phone number from the log

Select the number, and from the pop-up menu, select **Use number** > **Copy**. You can, for example, paste the phone number to a text message.

Filter the log

Select **Options** > **Filter** and a filter.

Define the log duration

Select **Options** > **Settings** > **Log duration**. If you select **No log**, all the log contents, recent calls register, and messaging delivery reports are permanently deleted.

Write text

The on-screen keyboards allow you to enter characters by tapping them with your fingers.

Tap any text input field to enter letters, numbers, and special characters.

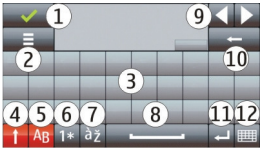
Your device can complete words based on the built-in dictionary for the selected text input language. The device also learns new words from your input.

Virtual keyboard

You can use the virtual keyboard in landscape mode.

To activate the virtual keyboard, select > **Full screen QWERTY**.

When using the virtual keyboard in full screen mode, you can select keys with your fingers.



1 Close - Close the virtual keyboard.
2 Input menu - Open the touch input options menu to access commands such as **Writing language**.
3 Virtual keyboard
4 Shift and caps lock - To enter an uppercase character when writing in lowercase, or vice versa, select the key before entering the character. To activate the caps lock, select the key twice. A line under the key indicates that the caps lock is activated.
5 Letters
6 Numbers and special characters
7 Character accents
8 Space bar
9 Move - Move the cursor.
10 Backspace
11 Enter - Move the cursor to the next row or text input field. Additional functions are based on the current context (for example, in the web address field of the web browser, it acts as the Go icon).
12 Input mode - Select the input method. When you tap an item, the current input method view closes, and the selected one opens.

Handwriting

The input methods and languages supported by the handwriting recognition vary by region and may not be available for all languages.

To activate handwriting mode, select > **Handwriting**.

Write legible, upright characters on the text input area, and leave a space between each character.

To teach the device your handwriting style, select > **Handwriting training**. This option is not available for all languages.

To enter letters and numbers (default mode), write words as you would normally. To select number mode, select 12. To enter non-Latin characters, select the corresponding icon, if available.

To enter special characters, write them as you would normally, or select *# and the desired character.

To delete characters or move the cursor back, swipe backwards (see Figure 1).

To insert a space, swipe forwards (see Figure 2).

Enter text with the virtual keypad

Virtual keypad

With the virtual keypad (**Alphanumeric keypad**), you can enter characters like you would with a traditional physical keypad with numbers on the keys.

The layout of the virtual keypad may vary, depending on the selected writing language.

1 Close - Closes the virtual keypad (**Alphanumeric keypad**).
2 Input menu - Opens the touch input menu, which includes commands such as **Activate predictive text** and **Writing language**. To add an emoticon, select **Insert emoticon**.
3 Text input indicator - Opens a pop-up window, in which you can activate or deactivate predictive text input modes, change the character case, and switch between letter and number modes.
4 Input mode - Opens a pop-up window, in which you can select the input mode. When you tap an item, the current input method view closes, and the selected one opens. The availability of input modes may vary depending on whether the automatic input mode (sensor settings) is activated or not.
5 Arrow keys - Scroll left or right.
6 Backspace
7 Numbers
8 Star - Opens a special characters table.
9 Shift - Changes the character case, activates or deactivates predictive text input modes, and switches between letter and number modes.

Traditional text input

Tap a number key (1-9) repeatedly until the desired character appears. There are more characters available for a number key than are visible on the key.

If the next letter is located on the same key as the present one, wait until the cursor appears (or move the cursor forward to end the time-out period), and enter the letter.

To insert a space, tap **0**. To move the cursor to the next line, tap **0** three times.

Predictive text input

With predictive text input, to enter a word, select one number key for each letter in the word. Predictive text input is based on a built-in dictionary to which you can add new words. Predictive text input is not available for all languages.

1 To activate predictive text input for all editors on the device, select > **Activate prediction**.
2 Write a word. For example, to write "Nokia" when the English dictionary is selected, select **6** for N, **6** for o, **5** for k, **4** for i, and **2** for a.
The word suggestion changes after each key selection.
3 If the word is not correct, select ***** repeatedly, until the correct match is displayed. If the word is not in the dictionary, select **Spell**, enter the word using traditional text input mode, and select **OK**.
If **?** is displayed after the word, the word is not in the dictionary. To add a word to the dictionary, select *****, enter the word using traditional text input mode, and select **OK**.
4 To insert a punctuation mark, select *****.
5 To insert a space, select **0**.

Touch input settings

Select **Menu** > **Settings** and **Phone** > **Touch input**.

To modify text input settings for the touch screen, select from the following:

Handwriting training — Open the handwriting training application. Train the device to recognise your handwriting better. This option is not available in all languages.

Writing language — Define which language-specific characters in your handwriting are recognised and how the virtual keyboard is laid out.

Writing speed — Select the writing speed.

Guiding line — Display or hide the guiding line in the writing area. The guiding line helps you write in a straight line, and it also helps the device recognise your writing.

Pen trail width — Select the pen trail width for the text written with the stylus.

Writing colour — Select the colour of the text written with the stylus.

Adaptive search — Activate adaptive search.

Touch screen calibration — Calibrate the touch screen.

Contacts

You can save and update contact information, such as phone numbers, home addresses, or e-mail addresses of your contacts. You can add a personal ringing tone or a thumbnail image to a contact. You can also create contact groups, which allow you to send text messages or e-mail to many recipients at the same time.

To open the contacts list, in the home screen, depending on the home screen theme, select **Contacts** or .

Save phone numbers and mail addresses

You can save your friends' phone numbers, mail addresses, and other information to your contacts list.

Select **Menu** > **Contacts**.

Add a contact to the contacts list

1 Select **Options** > **New contact**.
2 Select a field, and enter the details. To close the text input, select .

Edit contact information

Select a contact and **Options** > **Edit**.

Add details about a contact

Select a contact and **Options** > **Edit** > **Options** > **Add detail**.

Manage names and numbers

To copy or delete a contact, or to send a contact as a business card to another device, select and hold the contact, and from the pop-up menu, select **Mark**. Select the contact and **Delete**, **Copy**, or **Send as business card**.

To edit a contact, select and hold the contact, and from the pop-up menu, select **Mark** > **Options** > **Edit**.

To listen to the voice tag assigned to a contact, select the contact and **Options** > **Voice tag details** > **Options** > **Play voice tag**.

When adding contacts or editing voice commands, do not use very short or similar names for different contacts or commands.

Note: Using voice tags may be difficult in a noisy environment or during an emergency, so you should not rely solely upon voice dialling in all circumstances.

Assign default numbers and addresses

If a contact has several numbers or addresses, a default number or address makes it easier for you to call or send a message to the contact. The default number is also used in voice dialling.

1 Select **Menu** > **Contacts**.
2 Select a contact and **Options** > **Defaults**.
3 Select a default to which you want to add a number or an address.
4 Select a number or an address you want to set as a default.
5 To exit the Defaults view and save the changes, tap outside the view.

Ringing tones, images, and call text for contacts

You can define a ringing tone for a contact or contact group, and an image and call text for a contact. When the contact calls you, the device plays the selected ringing tone and shows the call text or image (if the caller's phone number is sent with the call and your device recognises it).

Select **Menu** > **Contacts**.

Add more fields to a contact details view

Select the contact and **Options** > **Edit** > **Options** > **Add detail**.

Define a ringing tone for a contact or contact group

Select the contact or contact group and **Options** > **Ringing tone**, and select a ringing tone.

Remove the ringing tone from a contact

Select **Default tone** from the list of ringing tones.

Add an image for a contact

Select a contact saved in the device memory and **Options** > **Add image**, and select an image from **Gallery**.

Define a call text for a contact

Select the contact and **Options** > **Add call alert text**. Enter the call text, and select ✓.

View, change or remove the image from a contact

Select a contact and **Options** > **Image**, and the desired option.

Copy contacts

Select **Menu** > **Contacts**.

When you open the contacts list for the first time, the device asks if you want to copy names and numbers from the SIM card to your device.

Start copying

Select **OK**.

Cancel copying

Select **Cancel**.

The device asks if you want to view the SIM card contacts in the contacts list. To view the contacts, select **OK**. The contacts list opens, and the names stored on your SIM card are indicated with .

SIM services

For availability and information on using SIM card services, contact your SIM card vendor. This may be the network service provider or other vendor.

SIM contacts

The number of contacts that can be stored on the SIM card is limited.

Display contacts stored on the SIM card in the contacts list

Select **Options** > **Settings** > **Contacts to display** > **SIM memory**.

The numbers you save in the contacts list may not be automatically saved to your SIM card.

Copy contacts to the SIM card

Go to a contact, and select **Options** > **Copy** > **SIM memory**.

Select the default memory where to save the new contacts

Select **Options** > **Settings** > **Default saving memory** > **Phone memory** or **SIM memory**.

Contacts stored in the device memory can contain more than one phone number and an image.

Fixed dialling

With the fixed dialling service, you can restrict calls from your device to certain phone numbers. Not all SIM cards support the fixed dialling service. For more information, contact your service provider.

Select **Menu** > **Contacts** and **Options** > **SIM numbers** > **Fixed dial contacts**.

You need your PIN2 code to activate and deactivate fixed dialling or edit your fixed dialling contacts. Contact your service provider for your PIN2 code.

Select **Options** and from the following:

Activate fixed dialling or **Deactivate fixed dialling** — Activate or deactivate fixed dialling.

New SIM contact — Enter the contact name and phone number to which calls are allowed.

Add from Contacts — Copy a contact from the contacts list to the fixed dialling list.

To send text messages to the SIM contacts while the fixed dialling service is active, you need to add the text message centre number to the fixed dialling list.

Messaging

Messaging main view

Select **Menu** > **Messaging** (network service).

Create a new message

Select **New message**.

Tip: To avoid rewriting messages that you send often, use saved messages in the Templates folder in My folders. You can also create and save your own templates.

Messaging contains the following folders:

Inbox — Received messages, except e-mail and cell broadcast messages.

My folders — Organise your messages into folders.

Mailbox — Connect to your remote mailbox to retrieve your new e-mail messages, or view your previously retrieved e-mail messages offline.

Drafts — Draft messages that have not been sent.

Sent — The last messages that have been sent, excluding messages sent using Bluetooth connectivity. You can define the number of messages that can be saved in this folder.

Outbox — Messages waiting to be sent are temporarily stored in the Outbox, for example, when your device is outside network coverage.

Delivery reports — Request the network to send you a delivery report of the text messages and multimedia messages you have sent (network service).

Write and send messages

Select **Menu** > **Messaging**.

Before you can create a multimedia message or write a mail, you must have the correct connection settings defined.

If the item you insert in a multimedia message is too large for the network, the device may automatically reduce the size.

Only compatible devices can receive and display multimedia messages. Messages may look different in different devices.

Check the size limit of mail messages with your service provider. If you attempt to send a mail message that exceeds the size limit of the mail server, the message is left in the Outbox folder, and the device attempts to resend it periodically. Sending a mail requires a data connection, and continuous attempts to resend the mail may incur charges from your service provider. In the Outbox folder, you can delete such a message or move it to the Drafts folder.

Messaging requires network services.

Send a text or multimedia message

Select **New message**.

Send an audio or mail message

Select **Options** > **Create message**, and the relevant option.

Select recipients or groups from the contacts list

Select from the toolbar.

Enter the number or mail address manually

Tap the **To** field.

Enter the subject of the mail or multimedia message

Enter it in the Subject field. If the Subject field is not visible, select **Options** > **Message header fields** to change the fields that are visible.

Write the message
Tap the message field.

Add an object to a message or mail
Select and the relevant type of content.
The message type may change to multimedia message based on the inserted content.

Send the message or mail
Select , or press the call key.

You can send text messages that are longer than the character limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly.

Characters with accents, other marks, or some language options, take more space, limiting the number of characters that can be sent in a single message.

Receive messages

Select **Menu** > **Messaging** and **Inbox**.

An unread text message
An unread multimedia message
An unread audio message
Data received through Bluetooth connectivity

When you receive a message, and **1 new message** are displayed in the home screen.

Open a message from the home screen
Select **Show**.

Open a message in the Inbox folder
Select the message.

Reply to a received message
Select **Options** > **Reply**.

Multimedia messages

Select **Menu** > **Messaging**.

Retrieve a multimedia message

Select **Options** > **Retrieve**. A packet data connection is opened to retrieve the message to your phone. You may receive a notification that a multimedia message is waiting in the multimedia message centre.

When you open a multimedia message (), you may see an image and a message. indicates that a sound clip is included. indicates that a video clip is included.

Tip: The multimedia message is retrieved automatically if **Multimedia retrieval** is set to **Always automatic**.

Play the sound or video clip

Select the indicator.

View the media objects that have been included in a multimedia message

Select **Options** > **Objects**.

If the message includes a multimedia presentation, is displayed.

Play the presentation

Select the indicator.

Data, settings, and web service messages

Your device can receive many kinds of messages that contain data, such as business cards, ringing tones, operator logos, calendar entries, and e-mail notifications. You may also receive settings from your service provider in a configuration message.

Save the data in a message

Select **Options** and the corresponding option.

Web service messages are notifications (for example, news headlines), and may contain a text message or a link. For availability and subscription, contact your service provider.

Set up e-mail

The e-mail service on your Nokia phone automatically transfers e-mail from your existing e-mail address to your phone. You can read, respond to, and organise your e-mails on the go. The service works with a number of internet e-mail providers that are often used for personal e-mail.

Select **Menu** > **Messaging** and **Mailbox**.

You can set up several e-mail accounts, for example, a personal e-mail account and a corporate e-mail account.

Tip: To set up e-mail from your home screen, select the relevant plug-in.

Alternatively, you can use the Settings wizard.

Set up e-mail using the Settings wizard

1 Select **Menu** > **Applications** > **Tools** > **Sett. wizard**.
2 When the Settings wizard is opened for the first time, you are asked to define the e-mail settings after the service provider settings. If you have used the Settings wizard before, select **E-mail setup**.
3 Accept the terms and conditions.

For more information, go to www.nokia.com/support.

Data charges may be applicable when using the service. For information on possible costs, contact your service provider.

Mailbox

Define e-mail settings

Select **Menu** > **Messaging** and **Mailbox**.

To use e-mail, you must have defined a valid internet access point (IAP) in your device and have defined your e-mail settings correctly.

You must have a separate e-mail account. Follow the instructions given by your remote mailbox and internet service provider (ISP).

If you select **Messaging** > **Mailbox**, and have not set up your e-mail account, you are prompted to do so. To start defining the e-mail settings with the mailbox guide, select **Start**.

When you create a new mailbox, the name you give to the mailbox replaces Mailbox in the Messaging main view. You can have up to six mailboxes.

Open the mailbox

Select **Menu** > **Messaging** and a mailbox.

When you open the mailbox, the device asks if you want to connect to the mailbox.

Connect to your mailbox and retrieve new e-mail headers or messages
Select **Yes**. When you view messages online, you are continuously connected to a remote mailbox using a data connection.

View previously retrieved e-mail messages offline
Select **No**.

Create a new e-mail message
Select **Options** > **Create message** > **E-mail**.

Close the data connection to the remote mailbox
Select **Options** > **Disconnect**.

Retrieve e-mail messages

Select **Menu** > **Messaging** and a mailbox.

If you are offline, select **Options** > **Connect** to open a connection to the remote mailbox.

Retrieve messages when you have an open connection to a remote mailbox
Select **Options** > **Retrieve e-mail** > **New** to retrieve all new messages, **Selected** to retrieve only selected messages, or **All** to retrieve all messages from the mailbox.
To stop retrieving messages, select **Cancel**.

Close the connection and view the e-mail messages offline
Select **Options** > **Disconnect**.

Open an e-mail message offline
To open an e-mail message, select the message. If the e-mail message has not been retrieved and you are offline, you are asked if you want to retrieve this message from the mailbox.

View e-mail attachments
Open the message, and select the attachment field indicated with 📎. If the attachment has not been retrieved to the device, select **Options** > **Save**.

Retrieve e-mail messages automatically
Select **Options** > **E-mail settings** > **Automatic retrieval**.

Setting the device to retrieve e-mail automatically may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

Delete e-mail messages

Select **Menu** > **Messaging** and a mailbox.

Delete the content of an e-mail from the device only

Select and hold the e-mail, and from the pop-up menu, select **Delete** > **Phone only**. The e-mail is not deleted from the remote mailbox.

The device mirrors the e-mail headers in the remote mailbox. If you delete the message content, the e-mail header stays in your device. If you want to remove the header as well, you must be connected to the server when deleting the message from your device and the remote mailbox. It there is no connection to the server, the header is deleted when you make a connection from your device to the remote mailbox again to update the status.

Delete an e-mail from the device and the remote mailbox

Select and hold the e-mail, and from the pop-up menu, select **Delete** > **Phone and server**.

Cancel deleting an e-mail that has been marked to be deleted from the device and server

Select **Options** > **Restore**.

Disconnect from the mailbox

When you are online, to end the data connection to the remote mailbox, select **Options** > **Disconnect**.

Mail for Exchange

With Mail for Exchange, you can receive your work e-mail to your device. You can read and reply to your e-mails, view and edit compatible attachments, view calendar information, receive and reply to meeting requests, schedule meetings, and view, add, and edit contact information.

Use of the Mail for Exchange is limited to over-the-air synchronisation of PIM information between the Nokia device and the authorised Microsoft Exchange server.

Mail for Exchange can be set up only if your company has Microsoft Exchange Server. In addition, your company's IT administrator must have activated Mail for Exchange for your account.

Before starting to set up Mail for Exchange, ensure that you have the following:

- A corporate e-mail ID

- Your office network user name
- Your office network password
- Your network domain name (contact your company's IT department)
- Your Mail for Exchange server name (contact your company's IT department)

Depending on your company's Mail for Exchange server configuration, you may need to enter other information in addition to those listed. If you do not know the correct information, contact your company's IT department.

With Mail for Exchange, the use of the lock code may be mandatory. The default lock code of your device is 12345, but your company's IT administrator may have set a different one for you to use.

To access and modify the Mail for Exchange profile and settings, select **Menu** > **Settings** > **Phone** > **Application sett.** > **Messaging**.

View messages on a SIM card

Select **Menu** > **Messaging** and **Options** > **SIM messages**.

Before you can view SIM messages, you must copy them to a folder in your device.

1 Select **Options** > **Mark/Unmark** > **Mark** or **Mark all** to mark messages.
2 Select **Options** > **Copy**. A list of folders opens.
3 To start copying, select a folder. To view the messages, open the folder.

Service commands

With service commands (network service) you can enter and send service requests (also known as USSD commands), such as activation commands for network services, to your service provider. This service may not be available for all regions.

Select **Menu** > **Messaging** and **Options** > **Service commands**.

Messaging settings

The settings may be preconfigured in your device, or you may receive them in a message. To enter settings manually, fill in all fields marked with **Must be defined** or an asterisk.

Some or all message centres or access points may be preset for your device by your service provider, and you may not be able to change, create, edit, or remove them.

Text message settings

Select **Menu** > **Messaging** and **Options** > **Settings** > **Text message**.

Select from the following:

Message centres — View a list of all text message centres that have been defined.

Message centre in use — Select which message centre to use to deliver text messages.

Character encoding — To use character conversion to another encoding system when available, select **Reduced support**.

Receive report — Request the network to send you a delivery report of the text messages you have sent (network service).

Message validity — Select for how long the message centre resends your message if the first attempt fails (network service). If the message cannot be sent within this time period, the message is deleted from the message centre.

Message sent as — To find out if your message centre is able to convert text messages into these other formats, contact your service provider.

Preferred connection — Select the connection to use.

Reply via same centre — Reply to messages using the same text message centre number (network service).

Multimedia message settings

Select **Menu** > **Messaging** and **Options** > **Settings** > **Multimedia message**.

Select from the following:

Image size — Define the size of the image in a multimedia message.

MMS creation mode — If you select **Guided**, the device informs you if you try to send a message that may not be supported by the recipient. If you select **Restricted**, the device prevents you from sending messages that may not be supported. To include content in your messages without notifications, select **Free**.

Access point in use — Select which access point is used as the preferred connection.

Multimedia retrieval — Select how you want to receive messages, if available. To receive messages automatically in your home network, select **Auto in home netw.**. Outside your home network, you receive a notification that there is a message to retrieve in the multimedia message centre. If you select **Always automatic**, your device automatically makes an active packet data connection to retrieve the message both in and outside your home network. Select **Manual** to retrieve multimedia messages from the message centre manually, or **Off** to prevent receipt of any multimedia messages. Automatic retrieval may not be supported in all regions.

Allow anonymous msgs. — Reject messages from anonymous senders.

Receive adverts — Receive multimedia message advertisements (network service).

Receive reports — Display the status of sent messages in the log (network service).

Deny report sending — Prevent your device from sending delivery reports of received messages.

Message validity — Select for how long the message centre resends your message if the first attempt fails (network service). If the message cannot be sent within this time period, the message is deleted from the message centre.

The device requires network support to indicate that a sent message has been received or read. Depending on the network and other circumstances, this information may not always be reliable.

Manage mailboxes

Select **Menu** > **Messaging** and **Options** > **Settings** > **E-mail**.

Select which mailbox you want to use to send and receive e-mail

Select **Mailbox in use** and a mailbox.

Remove a mailbox and its messages from your device

1 Select **Mailboxes**.
2 Select and hold the desired mailbox, and from the pop-up menu, select **Delete**.

Create a new mailbox

Select **Mailboxes** > **Options** > **New mailbox**. The name you give to the new mailbox replaces Mailbox in the Messaging main view. You can have up to six mailboxes.

Modify the connection settings, user settings, retrieval settings, and automatic retrieval settings

Select **Mailboxes** and a mailbox.

Personalise your device

You can personalise your device by changing the home screen, tones, or themes.

Change the look of your device

You can use themes to change the look of the display, such as background image and main menu layout.

Select **Menu** > **Settings** and **Personal** > **Themes**.

Activate a theme

Select **General** and the theme, and wait for a few seconds.

Change the layout of the main menu

Select **Menu**.

Change the look of the home screen
Select **Home scr. theme**.

Set an image or a slideshow as the background in the home screen
Select **Wallpaper** > **Image** or **Slide show**.

Change the image displayed in the home screen when a call is received
Select **Call image**.

Profiles

You can use profiles to set and customise the ringing tones, message alert tones, and other tones for different events, environments, or caller groups. The name of the selected profile is displayed in the home screen. If the general profile is in use, only the date is displayed.

Select **Menu** > **Settings** and **Personal** > **Profiles**.

Music folder

Music player

Music player supports file formats such as AAC, AAC+, eAAC+, MP3, and WMA. Music player does not necessarily support all features of a file format or all the variations of file formats.

You can also use Music player to listen to podcasts. Podcasting is a method for delivering audio or video content over the internet using either RSS or Atom technologies for playback on mobile devices and computers.

Listen to music at a moderate level. Continuous exposure to high volume may damage your hearing.

Play music

Select **Menu** > **Music** > **Music player**.

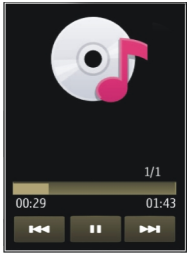
Browse songs
Select the desired view. You can browse songs by artist, album, genre, or composer.

Play a song
Select the song.

Tip: To listen to the songs in a random order, select **Options** > **Shuffle play**.

Pause and resume playback
To pause playback, select ⏸; to resume, select ▷.

Fast-forward or rewind a song
Select and hold ⏭ or ⏮.



Tip: When listening to music, you can return to the home screen and leave the Music player application playing in the background.

Create a playlist

Want to listen to different music for different moods? With playlists, you can create selections of songs to play in a specific order.

Select **Menu** > **Music** > **Music player**.

1 Select **Playlists**.
2 Select **Options** > **New playlist**.
3 Enter a name for the playlist, and select **OK**.
4 Select the songs to add to the playlist, in the order you want them to play.

If a compatible memory card is inserted, the playlist is saved to the memory card.

Add a song to a playlist
Select and hold the song, and from the pop-up menu, select **Add to playlist**.

Remove a song from playlist
In the playlist view, select and hold the song, and from the pop-up menu, select **Remove**.
This does not delete the song from the device; it only removes it from the playlist.

Play a playlist

Select **Playlists** and the playlist.

Tip: Music player automatically creates a playlist for the most played songs, recently played songs, and recently added songs.

Podcasts

Select **Menu** > **Music** > **Music player** and **Podcasts**.

Podcast episodes have three states: never played, partially played, and completely played. If the state is partially played, the episode plays from the last playback position the next time it is played. If the state is never played or completely played, the episode plays from the beginning.

Nokia Ovi Player

With Nokia Ovi Player, you can download music from Ovi Music, transfer your music to your device from your computer, and manage and organise your music files. To download Nokia Ovi Player, go to www.ovi.com.

You need an internet connection to download music.

Download, transfer, and manage music between your computer and mobile device

1 Open Nokia Ovi Player on your computer. If you want to download music, register or sign in.
2 Connect your device to the computer with a compatible USB data cable.
3 To select the connection mode on your device, select **Media transfer**.

Ovi Music

With Ovi Music (network service), you can search, browse, purchase, and download music to your device.

The Ovi Music service will eventually replace the Music store.

Select **Menu** > **Music** > **Ovi Music**.

To download music, you first need to register for the service.

Downloading music may involve additional costs and the transmission of large amounts of data (network service). For information about data transmission charges, contact your network service provider.

To access Ovi Music, you must have a valid internet access point in the device. You may be asked to select the access point to use when connecting to Ovi Music.

Select the access point
Select **Default access point**.

The availability and appearance of Ovi Music settings may vary. The settings may also be predefined and you may not be able to modify them. When browsing Ovi Music, you may be able to modify the settings.

Modify Ovi Music settings
Select **Options** > **Settings**.

Ovi Music is not available for all countries or regions.

Nokia Podcasting

With the Nokia Podcasting application (network service), you can search, discover, subscribe to, and download podcasts over the air, and play, manage, and share audio and video podcasts with your device.

Podcasting settings

Select **Menu** > **Music** > **Podcasting**.

To start using Podcasting, define your connection and download settings.

Connection settings

Select **Options** > **Settings** > **Connection** and from the following:

Default access point — Select the access point to use to connect to the internet.

Search service URL — Define the podcast search service web address, to use to search for podcasts.

Download settings

Select **Options** > **Settings** > **Download** and from the following:

Save to — Define where to save podcasts.

Update interval — Define how often podcasts are updated.

Next update time — Define the time of the next automatic update.

Automatic updates only occur if a specific default access point is selected and the Podcasting application is open.

Download limit (%) — Define the percentage of memory that is reserved for podcast downloads.

If limit exceeds — Define what to do if the download limit is exceeded.

Setting the application to retrieve podcasts automatically may involve the transmission of large amounts of data through your service provider's network. For information on data transmission charges, contact your service provider.

Restore default settings
Select **Options** > **Restore default**.

Download podcasts

After you have subscribed to a podcast, you can download, play, and manage the podcast episodes.

Select **Menu** > **Music** > **Podcasting**.

View a list of subscribed podcasts
Select **Podcasts**.

View individual episode titles
Select the podcast title.
An episode is a particular media file of a podcast.

Start a download
Select the episode title.
You can download multiple episodes at the same time.

Start playing a podcast before the download is complete
Go to a podcast, and select **Options** > **Play preview**.

Successfully downloaded podcasts are stored in the Podcasts folder, but may not be displayed immediately.

Radio

Listen to the radio

Select **Menu** > **Music** > **Radio**.

When you open the application for the first time, you can choose to have the local stations tuned automatically.

To listen to the next or the previous station, select or .

To mute the radio, select .

Select **Options** and from the following:

Stations — View saved radio stations.

Tune stations — Search for radio stations.

Save — Save the radio station.

Activate loudspeaker or **Deactivate loudspeaker** — Turn the loudspeaker on or off.

Alternative frequencies — Select whether you want the radio to automatically search for a better RDS frequency for the station if the frequency level becomes low.

Play in background — Return to the home screen with the radio playing in the background.

Manage radio stations

Select **Menu** > **Music** > **Radio**.

To listen to saved stations, select **Options** > **Stations**, and select a station from the list.

To remove or rename a station, select **Options** > **Stations** > **Options** > **Delete** or **Rename**.

To set the desired frequency manually, select **Options** > **Tune stations** > **Options** > **Manual tuning**.

Camera

Your device supports an image capture resolution of 2592 x 1944 pixels. The image resolution in this guide may appear different.

Activate the camera

To activate the camera, select **Menu** > **Applications** > **Camera**.

Image capture

Capture an image

Select **Menu** > **Applications** > **Camera**.

When capturing an image, note the following:

- Use both hands to keep the camera steady.
- The quality of a digitally zoomed image is lower than that of a non-zoomed image.
- The camera goes into battery saving mode after about a minute of inactivity.

To switch from video mode to image mode, if necessary, select > .

Zoom in or out when capturing an image
Use the zoom slider.

After capturing an image

After you capture an image, select from the following options (available only if you have selected **Options** > **Settings** > **Show captured image** > **Yes**):

— Send the image in a multimedia or e-mail message, or through connection methods such as Bluetooth connectivity.

To send the image to the person you are talking to, select during a call.

— Upload the image to a compatible online album.

Delete — Delete the image.

Use the image as wallpaper in the home screen
Select **Options** > **Use image** > **Set as wallpaper**.

Set the image as a default call image
Select **Options** > **Use image** > **Set as call image**.

Assign the image to a contact
Select **Options** > **Use image** > **Assign to contact**.

Return to the viewfinder, to capture a new image
Select **Back**.

Scenes

A scene helps you to find the right colour and lighting settings for the current environment. The settings of each scene have been set according to a certain style or environment.

The default scene in image and video modes is indicated with (**Automatic**).

Change the scene
Select and a scene.

Create your own scene suitable for a certain environment
1 Select **User defined** > **Change**.
2 Select **Based on scene mode** and the desired scene.
3 Modify the different lighting and colour settings.

4 To save the changes and return to the scenes list, select **Back**.

Activate your own scene
Select **User defined** > **Select**.

Location information

You can automatically add capture location information to the file details of the captured material.

Select **Menu** > **Applications** > **Camera**.

To add location information to all captured material, select **Options** > **Settings** > **Show GPS info** > **On**.

It may take several minutes to obtain the coordinates of your location. The availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. If you share a file that includes location information, also the location information is shared, and your location may be visible to third parties viewing the file. The device requires network services to acquire location information.

Location information indicators:

— Location information unavailable. GPS stays on in the background for several minutes. If a satellite connection is found and the indicator changes to within that time, all the images captured and video clips recorded during that time are tagged based on the received GPS positioning information.

— Location information is available. Location information is added to the file details.

Location information can be added to an image or a video clip if location coordinates are found via the network. It may take several minutes to receive the coordinates. The best conditions are obtained in open areas away from high buildings.

If you share your image or video clip which has location information attached to it, the location information is also shared and your location may be visible to third parties that can view the image or the video clip.

You may disable the geotagging service in camera settings.

Self-timer

Use the self-timer to delay the capture, so that you can include yourself in the image.

Set the self-timer delay

Select > and the delay desired before the image is captured.

Activate the self-timer

Select **Activate**. The stopwatch icon on the screen blinks and the remaining time is displayed when the timer is running. The camera captures the image after the selected delay elapses.

Deactivate the self-timer

Select > .

Tip: To keep your hand steady when capturing an image, try using a delay of **2 seconds**.

Video recording

Record a video clip

Select **Menu** > **Applications** > **Camera**.

1. To switch from image mode to video mode, if necessary, select > .
2. To pause recording, select **Pause**. To resume, select **Continue**. If you pause recording and do not press any key within one minute, the recording stops.
   To zoom in or out, use the zoom keys.
3. To stop recording, select **Stop**. The video clip is automatically saved in Gallery.

After recording a video clip

After you record a video clip, select from the following (available only if you have selected **Options** > **Settings** > **Show last captured video** > **Yes**):

Play — Play the video clip you just recorded.

— Upload the image to a compatible online album.

Delete — Delete the video clip.

To return to the viewfinder to record a new video clip, select **Back**.

Gallery

To store and organise your images, video clips, sound clips, and streaming links, select **Menu** > **Gallery**.

View and organise files

Select **Menu** > **Gallery**.

Select from the following:

Images & videos — View images in the image viewer and video clips in Video centre.

Songs — Open Music player.

Sound clips — Listen to sound clips.

Other media — View presentations.

indicates files stored on your compatible memory card (if inserted).

Open a file

Select a file from the list. Video clips and files with the .ram file extension open and play in Video centre, and music and sound clips in Music player.

Copy or move a file

To copy or move a file to the memory card (if inserted) or phone memory, select and hold the file, and from the pop-up menu, select **Copy** or **Move**, and the appropriate option.

View images and videos

Select **Menu** > **Gallery** and **Images & videos**.

By default, the images, video clips, and folders are organised by date and time.

To open a file, select a file from the list. To zoom in an image, use the volume key.

To edit an image, select and hold the image, and from the pop-up menu, select **Edit**.

To edit a video clip, select and hold the clip, and from the pop-up menu, select **Cut**.

Select and hold an image, and from the pop-up menu, select from the following:

Set as wallpaper — Use the image as wallpaper on the home screen.

Set as call image — Set the image as a generic call image.

Assign to contact — Set the image as a call image for a contact.

Select and hold a video clip, and from the pop-up menu, select from the following:

Assign to contact — Assign the video clip as a ringtone for a contact.

As ringing tone — Set the video clip as a ringtone.

The toolbar helps you select frequently used functions with images, video clips, and folders.

From the toolbar, select from the following:

Send — Send your image or video clip.

Delete — Delete an image or a video clip.

Organise images and videos

Select **Menu** > **Gallery**.

Create a new folder

Select **Images & videos** > **Options** > **Folder options** > **New folder**.

Move a file

Select and hold the file, and from the pop-up menu, select **Move to folder**.

Share online

About Share online

Select **Menu** > **Applications** > **Share online**.

With Share online (network service), you can post your images, video clips, and sound clips from your device to compatible online sharing services, such as albums and blogs. You can also view and send comments to the posts in these services, and download content to your compatible Nokia device.

The supported content types and the availability of the Share online service may vary.

Subscribe to an online sharing service

Select **Menu** > **Applications** > **Share online**.

1 Go to the service provider's website, and make sure your Nokia device is compatible with the service.
2 Create an account as instructed on the website. You receive a username and password needed to set up your device with the account.

Activate a service

1 Select and hold the service, and from the pop-up menu, select **Activate**.
2 Allow the device to open a network connection. If prompted, select an internet access point from the list.
3 Sign in to your account as instructed on the service provider’s website.

For the availability and cost of the third party services and data transfer costs, contact your service provider or the relevant third party.

Manage your accounts

To view your accounts, select **Options** > **Settings** > **My accounts**.

To create a new account, select **Options** > **Add new account**.

To change the user name or password for an account, select and hold the account name, and from the pop-up menu, select **Edit**.

To set an account as the default when sending posts from your device, select and hold the account name, and from the pop-up menu, select **Set as default**.

To remove an account, select and hold the account name, and from the pop-up menu, select **Delete**.

Create a post

Select **Menu** > **Applications** > **Share online**.

To post your images or video clips to a service, select and hold the service, and from the pop-up menu, select **New upload**. If the online sharing service provides channels for posting files, select the desired channel.

To add your image, video clip, or sound clip to the post, select **Options** > **Add**.

Enter a title or description for the post, if available.

To add tags to the post, select **Tags:**.

To enable the posting of location information contained in the file, select **Location:**.

To send the post to the service, select **Options** > **Upload**.

Post files from Gallery

You can post your images and video clips from Gallery to an online sharing service.

1 Select **Menu** > **Gallery** and your images and video clips to post.
2 Select **Options** > **Send** > **Upload** and the desired account.
3 Edit your post as required.
4 Select **Options** > **Upload**.

Nokia Video Centre

With Nokia Video Centre (network service), you can download and stream video clips over the air from compatible internet video services using a packet data or WLAN connection. You can also transfer your video clips from a compatible PC to your device and view them in Video centre.

Using packet data access points to download videos may involve the transmission of large amounts of data through your service provider's network. Contact your service provider for information about data transmission charges.

Your device may have predefined services.

Service providers may provide free content or charge a fee. Check the pricing in the service or from the service provider.

View and download videos

Select **Menu** > **Applications** > **Video centre**.

Connect to video services

To connect to a service to install video services, select **Add new services** and the desired video service from the service catalogue.

View a video clip

To browse the content of installed video services, select **Video feeds**.

The content of some video services is divided into categories. To browse video clips, select a category.

To search for a video clip in the service, select **Video search**. Search may not be available in all services.

Some video clips can be streamed over the air, but others must be first downloaded to your phone. To download a video clip, select **Options** > **Download**. Downloads continue in the background if you exit the application. The downloaded video clips are saved in My videos.

To stream a video clip or view a downloaded one, select and hold the video clip, and from the pop-up menu, select **Play**.

When the video clip is playing, to use the control keys for controlling the player, tap the screen.

To adjust the volume, use the volume key.

Select **Options** and from the following:
Resume download — Resume a paused or failed download.
Cancel download — Cancel a download.
Preview — Preview a video clip. This option is available if supported by the service.
Video details — View information about a video clip.
Refresh list — Refresh the list of video clips.
Open link in browser — Open a link in the web browser.

Schedule downloads

Setting the application to download video clips automatically may involve the transmission of large amounts of data through your service provider's network. For information about data transmission charges, contact your service provider.
To schedule an automatic download for video clips in a service, select **Options** > **Schedule downloads**.
Video centre automatically downloads new video clips daily at the time you define.

To cancel scheduled downloads, select **Manual download** as the download method.

Video feeds

Select **Menu** > **Applications** > **Video centre**.

The content of the installed video services is distributed using RSS feeds. To view and manage your feeds, select **Video feeds**.

Select **Options** and from the following:
Feed subscriptions — Check your current feed subscriptions.
Feed details — View information about a video.
Add feed — Subscribe to new feeds. Select **Via Video directory** to select a feed from the services in the video directory.
Refresh feeds — Refresh the content of all feeds.
Manage account — Manage your account options for a particular feed, if available.

To view the videos available in a feed, select a feed from the list.

My videos

My videos is a storage place for all video clips in the Video centre application. You can list downloaded video clips and video clips recorded with the phone camera in separate views.

1 To open a folder and view video clips, select the folder. When a video clip is playing, to use the control keys for controlling the player, tap the screen.
2 To adjust the volume, press the volume key.

Select **Options** and from the following:

Find — Find a video clip. Enter a search term that matches the file name.

Memory status — View the amount of free and used memory.

Sort by — Sort video clips. Select the desired category.

Select and hold a video clip, and from the pop-up menu, select from the following:

Resume download — Resume a paused or failed download.

Cancel download — Cancel a download.

Video details — View information about a video clip.

Move and copy — Move or copy video clips. Select **Copy** or **Move** and the desired location.

Copy your videos between your phone and computer

Have you recorded videos with your phone that you want to watch on your computer? Or do you want to copy your videos from your phone to your computer? Use a compatible USB data cable to copy your videos between your phone and a computer.

1 Use a compatible USB data cable to connect your phone to a computer.
   If copying between a memory card in your phone and a computer, make sure the memory card is inserted.
2 Open Nokia Ovi Suite on your computer, and follow the displayed instructions.

Video centre settings

In the Video centre main view, select **Options** > **Settings** and from the following:

Video service selection — Select the video services that you want to appear in Video centre. You can also add, remove, edit, and view the details of a video service. You cannot edit preinstalled video services.

Connection settings — To define the network destination used for the network connection, select **Network connection**. To select the connection manually each time Video centre opens a network connection, select **Always ask**.

To set GPRS connection on or off, select **Confirm GPRS usage**.

To set roaming on or off, select **Confirm roaming**.

Parental control — Set an age limit to videos. The required password is the same as the device lock code. The factory setting for the lock code is **12345**. In video-on-demand services, videos which have the same or a higher age limit than you have set, are hidden.

Preferred memory — Select whether downloaded videos are saved in the device memory or on a compatible memory card.

Thumbnails — Select whether to download and view thumbnail images in video feeds.

Internet

About the web browser

Select **Menu** > **Web**.

Catch up on the news, and visit your favourite websites. You can use your phone web browser to view web pages on the internet.

To browse the web, you must be connected to the internet.

Browse the web

Select **Menu** > **Web**.

Tip: If you do not have a flat-rate data plan from your service provider, to save data costs in your phone bill, you can use a WLAN to connect to the internet.

Go to a website

Select the web address bar, enter a web address, and select ▷.

Tip: To search the internet, select the web address bar, enter the search word, and select the link below the web address bar.

Zoom in or out

Double-tap the screen.

A cache is a memory location that is used to store data temporarily. If you have, or have tried to, access confidential information or a secure service, requiring passwords, clear the cache after each use.

Empty the cache

Select > > **Privacy** > **Clear privacy data** > **Cache**.

Add a bookmark

If you visit the same websites all the time, add them to your Bookmarks view, so you can easily access them.

Select **Menu** > **Web**.

While browsing, select > .

Go to a bookmarked website while browsing

Select > and a bookmark.

Subscribe to a web feed

You don't have to visit your favourite websites regularly to keep up with what's new on them. You can subscribe to web feeds and get links to latest content automatically.

Select **Menu** > **Web**.

Web feeds on web pages are usually indicated with . They are used to share, for example, the latest news headlines or blog entries.

Go to a blog or web page that contains a web feed, and select > and the desired feed.

Update a feed

In the Web feeds view, select and hold the feed, and from the pop-up menu, select **Refresh**.

Set a feed to automatically update

In the Web feeds view, select and hold the feed, and from the pop-up menu, select **Edit** > **Automatic updates**.

Positioning (GPS)

You can use applications such as GPS data to calculate your location or measure distances. These applications require a GPS connection.

About GPS

The availability and quality of GPS signals may be affected by your location, satellite positions, buildings, natural obstacles, weather conditions, and adjustments to GPS satellites made by the United States government. GPS signals may not be available inside buildings or underground.

Do not use GPS for precise location measurement, and never rely solely on the location information provided by GPS and cellular networks.

The coordinates in the GPS are expressed using the international WGS-84 coordinate system. The availability of the coordinates may vary by region.

About assisted GPS (A-GPS)

Your device supports A-GPS (network service). When you activate A-GPS, your device receives useful satellite information from an assistance data server over the cellular network. With the help of assisted data, your device can obtain the GPS position faster.

Your device is preconfigured to use the Nokia A-GPS service, if no service provider-specific A-GPS settings are available. The assistance data is retrieved from the Nokia A-GPS service server only when needed.

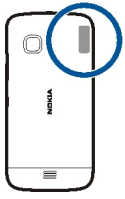
You must have an internet access point defined in the device to retrieve assistance data from the Nokia A-GPS service over a packet data connection.

Define an access point for A-GPS

Select **Menu** > **Applications** > **Location** and **Positioning** > **Positioning server** > **Access point**. Only a packet data internet access point can be used for this service. Your device asks for the internet access point when GPS is used for the first time.

Hold your device correctly

When using the GPS receiver, make sure you do not cover the antenna with your hand.



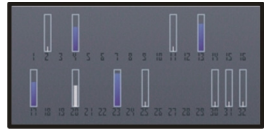
Establishing a GPS connection may take from a couple of seconds to several minutes. Establishing a GPS connection in a vehicle may take longer.

The GPS receiver draws its power from the device battery. Using the GPS receiver may drain the battery faster.

Tips on creating a GPS connection

Check the satellite signal status

Select **Menu** > **Applications** > **Location** and **GPS data** > **Options** > **Satellite status**.



If your device has found satellites, a bar for each satellite is shown in the satellite info view. The longer the bar, the stronger the satellite signal. When your device has received enough data from the satellite signal to calculate your location, the bar colour changes.

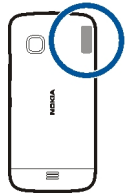
Initially your device must receive signals from at least four satellites to be able to calculate your location. When the initial calculation has been made, it may be possible to continue calculating your location with three satellites. However, the accuracy is generally better when more satellites are found.

To view the positions of found satellites, select **Chg. view**.

If no satellite signal can be found, consider the following:

- If you are indoors, go outdoors to receive a better signal.
- If you are outdoors, move to a more open space.
- If the weather conditions are bad, the signal strength may be affected.
- Some vehicles have tinted (athermic) windows, which may block the satellite signals.

Ensure you do not cover the antenna with your hand.



Establishing a GPS connection may take from a couple of seconds to several minutes. Establishing a GPS connection in a vehicle may take longer.

The GPS receiver draws its power from the device battery. Using GPS may drain the battery faster.

Position requests

You may receive a request from a network service to receive your position information. Service providers may offer information about local topics, such as weather or traffic conditions, based on the location of your device.

When you receive a position request, the service that is making the request is displayed. Select **Accept** to allow your position information to be sent or **Reject** to deny the request.

Landmarks

With Landmarks, you can save the position information of locations in your device. You can sort the saved locations into different categories, such as business, and add details to them. You can use your saved landmarks in compatible applications.

Select **Menu** > **Applications** > **Location** and **Landmarks**.

Select **Options** and from the following:

New landmark — Create a new landmark. To request position information of your current location, select **Current position**. To enter the position information manually, select **Enter manually**.

Edit — Edit a saved landmark (for example, add a street address).

Add to category — Add a landmark to a category. Select each category to which you want to add the landmark.

Send — Send one or several landmarks to a compatible device.

Create a new landmark category

On the categories tab, select **Options** > **Edit categories**.

GPS data

GPS data is designed to provide route guidance information to a selected destination and traveling information, such as the approximate distance to the destination and approximate duration of travel. You can also view position information about your current location.

Select **Menu** > **Applications** > **Location** and **GPS data**.

Positioning settings

Positioning settings define the methods, server, and notation settings used in positioning.

Select **Menu** > **Applications** > **Location** and **Positioning**.

Define positioning methods

Use only the integrated GPS receiver of your device
Select **Integrated GPS**.

Use Assisted GPS (A-GPS) to receive assistance data from a positioning server
Select **Assisted GPS**.

Use information from the cellular network (network service)
Select **Network based**.

Define positioning server

Define an access point and positioning server for network-assisted positioning
Select **Positioning server**.
This is used for assisted GPS or network-based positioning. The positioning server may be preset by your service provider, and you may not be able to edit the settings.

Define notation settings

Select the measurement system to use for speeds and distances
Select **Measurement system** > **Metric** or **Imperial**.

Define in which format the coordinate information is displayed in your device
Select **Coordinate format** and the desired format.

Maps

Maps overview

Select **Menu** > **Maps**.

Welcome to Maps.

Maps shows you what is nearby, helps you plan your route, and guides you where you want to go.

- Find cities, streets, and services.
- Find your way with turn-by-turn directions.
- Check weather forecasts and other local information, if available.

Some services may not be available in all countries, and may be provided only in selected languages. The services may be network dependent. For more information, contact your network service provider.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.

Contents of digital maps may sometimes be inaccurate and incomplete. Never rely solely on the content or the service for essential communications, such as in emergencies.

Some content is generated by third parties and not Nokia. The content may be inaccurate and is subject to availability.

View your location and the map

See your current location on the map, and browse maps of different cities and countries.

Select **Menu** > **Maps** and **Map**.

indicates your current position, if available. When searching for your position, blinks. If your position is not available, indicates your last known position.

If accurate positioning is not available, a red halo around the positioning icon indicates the general area you might be in. In densely populated areas, the accuracy of the estimate increases, and the red halo is smaller than in lightly populated areas.

Browse the map

Drag the map with your finger. By default, the map is oriented north.

View your current or last known location

Select .

If you search for or browse to a location, and view details about the location using a service, such as Weather, the information for the location you are currently viewing is displayed. To return to viewing your current location, or to view information for your current location, select .

Zoom in or out

Select **+** or **-**.

Tip: To zoom, you can also place two fingers on the map, and slide your fingers apart to zoom in or together to zoom out. Not all phones support this feature.

If you browse to an area not covered by the street maps that are stored on your phone, and you have an active data connection, new street maps are automatically downloaded.

Prevent downloading new street maps automatically

In the main menu, select > **Internet** > **Connection** > **Offline**.

New street maps are also downloaded if you upgrade to the latest Maps application version. When you use Maps the first time after an upgrade, select **Use Ovi Maps online**. You need an active data connection.

Map coverage varies by country and region.

Map view

1 Selected location
2 Indicator area
3 Point of interest (for example, a railway station or a museum)
4 Information area
5 Compass

Change the look of the map

View the map in different modes, to easily identify where you are.

Select **Menu** > **Maps** and **Map**.

Select and from the following:

Map view — In the standard map view, details such as location names or motorway numbers are easy to read.

Satellite view — For a detailed view, use satellite images.

Terrain view — View at a glance the ground type, for example, when you are travelling off-road.

3D view — For a more realistic view, change the perspective of the map.

Landmarks — Display prominent buildings and attractions on the map.

Night mode — Dim the colours of the map. When travelling at night, the map is easier to read in this mode.

Transit lines — View selected public transport services, such as metro and tram routes.

The available options and features may vary by region. The unavailable options are dimmed.

Download and update maps

Save new street maps to your phone before a journey, so you can browse the maps without an internet connection when travelling.

To download and update maps on your phone, you need an active WLAN connection.

Select **Menu** > **Maps**.

Download maps

1 Select **Update** > **Add new maps**.
2 Select a continent and a country, and select **Download**.
To complete the download later, select **Pause** or **Exit download**.

Tip: You can also use the Nokia Ovi Suite PC application to download the latest street maps and voice guidance files, and copy them to your phone. To download and install Nokia Ovi Suite, go to www.nokia.com/software.

When you install a newer version of the Maps application on your phone, the country or region maps are deleted. Before using Nokia Ovi Suite to download new country or region maps, open and close the Maps application, and make sure you have the latest version of Nokia Ovi Suite installed on your computer.

Update maps

Select **Update** > **Check for updates**.

About positioning methods

Maps displays your location on the map using GPS, A-GPS, SA-GPS, WLAN, or network (cell ID) based positioning.

The global positioning system (GPS) is a satellite-based navigation system used for calculating your location. Assisted GPS (A-GPS) is a network service that sends you

GPS data, improving the speed and accuracy of the positioning. Self-assisted GPS (SA-GPS) provides the fastest positioning without using a network connection.

WLAN positioning improves position accuracy when GPS signals are not available, especially when you are indoors or between tall buildings.

With network (cell ID) based positioning, the position is determined through the antenna system your mobile device is currently connected to.

To save on data costs, you can deactivate A-GPS, WLAN, and network (cell ID) based positioning in your device positioning settings, but calculating your location may take much longer.

The availability and quality of GPS signals may be affected by your location, satellite positions, buildings, natural obstacles, weather conditions, and adjustments to GPS satellites made by the United States government. GPS signals may not be available inside buildings or underground.

Do not use GPS for precise location measurement, and never rely solely on the location information provided by GPS and cellular networks.

The trip meter may not be accurate, depending on the availability and quality of your GPS connection.

Note: Using WLAN may be restricted in some countries. For example, in France, you are only allowed to use WLAN indoors. For more information, contact your local authorities.

Depending on the available positioning methods, the accuracy of positioning may vary from a few metres to several kilometres.

Find a location

Maps helps you find specific locations and businesses.

Select **Menu** > **Maps** and **Map** > **Search**.

1 Enter search words, such as a street address or place name.
2 Select an item from the list of proposed matches.
The location is displayed on the map.

Return to the list of proposed matches

Select **Search**.

Tip: In the search view, you can also select from the list of your previous search words.

Search for different types of nearby places

Select **Categories** and a category, such as shopping, accommodation, or transport.

If no search results are found, make sure the spelling of your search words is correct. Problems with your internet connection may also affect results when searching online.

If you have maps of the searched area stored on your phone, to avoid data costs, you can also get search results without an active internet connection, but the search results may be limited.

View location details

Find more information about a specific location or place, such as a hotel or restaurant, if available.

Select **Menu** > **Maps** and **Map** > **Search**.

The available options may vary by region. To view all the available place details, you need an active internet connection.

View the details of a place

Search for a place. Select the place and its information area.

Rate a place

Search for a place. Select the place, its information area, **Rate**, and the star rating. For example, to rate a place as being 3 out of 5 stars, select the third star.

When you find a place that does not exist or contains inappropriate information or incorrect details, such as the wrong contact information or location, it is recommended that you report it to Nokia.

Report incorrect place information

Select the place, its information area, **Report**, and the appropriate option.

Save or view a place or route

Save an address, place of interest, or route, so it can be quickly used later.

Select **Menu** > **Maps**.

Save a place

1 Select **Map**.
2 Tap the location. To search for an address or place, select **Search**.

3 Tap the location's information area.
4 Select **Save**.

Save a route
1 Select **Map**.
2 Tap the location. To search for an address or place, select **Search**.
3 Tap the location's information area.
4 To add another route point, select **Navigate** > **Add to Route**.
5 Select **Add new route point** and the appropriate option.
6 Select **Show route** > **Options** > **Save route**.

View a saved place
In the main view, select **Favourites** > **Places**, the place, and **Show on map**.

View a saved route
In the main view, select **Favourites** > **Routes** and the route.

Send a place to a friend

When you want to show your friends where a place is on the map, you can send the place to them.

Select **Menu** > **Maps** and **Map**.

To view the place on the map, your friends don't need to have a Nokia phone, but an active internet connection is required.

1 Select a place and its information area.
2 Select **Share** > **Share via SMS** or **Share via Email**.

A mail or text message containing a link to the location on the map is sent to your friend. Opening the link requires a network connection.

Check in

With the Check in feature, you can keep a private record of where you have been. Keep your social networking friends and contacts up to date with what you are doing, and share your location on your favourite social networking services.

Select **Menu** > **Maps** and **Check in**.

To check in, you need a Nokia account. To share your location, you also need a social networking service account. The supported social networking services vary by country or region.

1 Sign in to your Nokia account, or, if you do not yet have one, create the account.
2 It is possible to share your location on the social networking services that you use. When you use Check in for the first time, you can set your account credentials for the services that you use. To later set up accounts, select ....
3 Select your current location.
4 Write your status update.
   You can post only to selected services that you have set up. To exclude a service, select the service logo. To exclude all the services, keeping your location and status update private, clear the **and post on** check box.
5 Select **Check in**.

You may also be able to attach a picture to your post, depending on the social networking service.

View your Check in history

Select .

Checking in and sharing your location requires an internet connection. This may involve the transmission of large amounts of data and related data traffic costs.

The social networking services are third-party services and not provided by Nokia. Check the privacy settings of the social networking service you are using as you may share information with a large group of people. The terms of use of the social networking service apply to sharing information on that service. Familiarise yourself with the terms of use and the privacy practices of that service.

Important: Before sharing your location, always consider carefully with whom you are sharing. Check the privacy settings of the social networking service you are using, as you might share your location with a large group of people.

Synchronise your Favourites

Plan a trip on your computer at the Nokia Maps website, synchronise the saved places and routes with your phone, and access the plan on the go.

To synchronise places or routes between your phone and the Nokia Maps internet service, you need to be signed in to your Nokia account.

Select **Menu** > **Maps**.

Synchronise saved places and routes

Select **Favourites** > **Synchronise with Ovi**. If you do not have a Nokia account, you are prompted to create one.

You can set your phone to synchronise your Favourites automatically when you open or close the Maps application.

Synchronise Favourites automatically

Select > **Synchronisation** > **Synchronisation**.

Synchronising requires an active internet connection, and may involve the transmission of large amounts of data through your service provider's network. For information about data transmission charges, contact your service provider.

To use the Nokia Maps internet service, go to www.nokia.com/maps.

Get voice guidance

Voice guidance, if available for your language, helps you find your way to a destination, leaving you free to enjoy the journey.

Select **Menu** > **Maps** and **Drive** or **Walk**.

When you use drive or walk navigation for the first time, you are asked to select the language of the voice guidance, and download the appropriate files.

If you select a language that includes street names, also the street names are said aloud.

Change the voice guidance language

In the main view, select > **Navigation** > **Drive guidance** or **Walk guidance** and the appropriate option.

Deactivate voice guidance

In the main view, select > **Navigation** > **Drive guidance** or **Walk guidance**, and select**None**.

Repeat the voice guidance for car navigation

In the navigation view, select **Options** > **Repeat**.

Change the volume of the voice guidance for car navigation

In the navigation view, select **Options** > **Volume**.

Use the compass

When the compass is activated, both the arrow of the compass and the map rotate automatically in the direction to which the top of your phone is pointing.

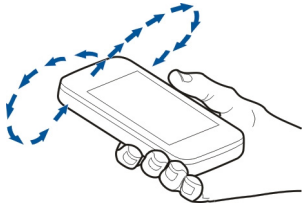
Select **Menu** > **Maps** and **Map**.

Activate the compass
Select .

Deactivate the compass
Select again. The map is oriented north.

The compass is active when it is green. If the compass needs calibration, the compass is red.

Calibrate the compass
Turn the phone around until it beeps or vibrates.



The compass has limited accuracy. Electromagnetic fields, metal objects, or other external circumstances may also affect the accuracy of the compass. The compass should always be properly calibrated.

Drive to your destination

When you need turn-by-turn directions while driving, Maps helps you get to your destination.

Select **Menu** > **Maps** and **Drive**.

Drive to a destination
Select **Set destination** and the appropriate option.

Drive to your home
Select **Drive home**.

You can start driving without a set destination. The map follows your location, and traffic information is automatically displayed, if available. To set the destination later, select **Destination**.

By default, the map rotates to your driving direction.

Orient the map to north

Select . To rotate the map back to your driving direction, select .

When you select **Drive home** or **Walk home** for the first time, you are prompted to define your home location.

Change your home location

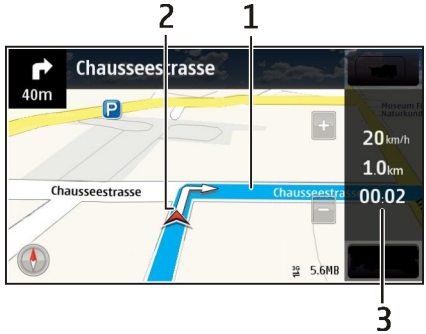
1 In the main view, select .
2 Select **Navigation** > **Home Location** > **Redefine**.
3 Select the appropriate option.

Change views during navigation

Swipe left to select **2D view**, **3D view**, **Arrow view**, or **Route overview**.

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

Navigation view



1 Route
2 Your location and direction
3 Information bar (speed, distance, time)

Get traffic and safety information

Enhance your driving experience with real-time information about traffic events, lane assistance, and speed limit warnings, if available for your country or region.

Select **Menu** > **Maps** and **Drive**.

View traffic events on the map
During drive navigation, select **Options** > **Traffic info**. The events are displayed as triangles and lines.

Update traffic information
Select **Options** > **Traffic info** > **Update traffic info**.

When planning a route, you can set the phone to avoid traffic events, such as traffic jams or roadworks.

Avoid traffic events
In the main view, select > **Navigation** > **Reroute due to traffic**.

The location of speed cameras may be shown on your route during navigation, if this feature is enabled. Some jurisdictions prohibit or regulate the use of speed camera location data. Nokia is not responsible for the accuracy, or the consequences of using speed camera location data.

Walk to your destination

When you need directions to follow a route on foot, Maps guides you over squares, and through parks, pedestrian zones, and even shopping centres.

Select **Menu** > **Maps** and **Walk**.

Walk to a destination
Select **Set destination** and the appropriate option.

Walk to your home
Select **Walk home**.

You can start walking without a set destination.

By default, the map is oriented to north.

Rotate the map to your walking direction
Select . To rotate the map back to north, select .

When you select **Drive home** or **Walk home** for the first time, you are prompted to define your home location.

Change your home location
1 In the main view, select .

2 Select **Navigation** > **Home Location** > **Redefine**.
3 Select the appropriate option.

Plan a route

Plan your journey, and create your route and view it on the map before setting off.

Select **Menu** > **Maps** and **Map**.

Create a route

1 Tap the location of your starting point. To search for an address or place, select **Search**.
2 Tap the location's information area.
3 Select **Navigate** > **Add to Route**.
4 To add another route point, select **Add new route point** and the appropriate option.

Change the order of the route points

1 Select a route point.
2 Select **Move**.
3 Tap the place where you want to move the route point to.

Edit the location of a route point

Tap the route point, and select **Edit** and the appropriate option.

View the route on the map

Select **Show route**.

Navigate to the destination

Select **Show route** > **Options** > **Start driving** or **Start walking**.

The route settings affect the navigation guidance and the way the route is displayed on the map.

Change the settings for a route

1 In the route planner view, open the Settings tab. To get to the route planner view from the navigation view, select **Options** > **Route points** or **Route points list**.
2 Set the transportation mode to **Drive** or **Walk**. If you select **Walk**, one-way streets are regarded as normal streets, and walkways and routes through, for example, parks and shopping centres, can be used.
3 Select the desired option.

Select the walking mode

Open the Settings tab, set the transportation mode to **Walk**, and select **Preferred route** > **Streets** or **Straight line**. **Straight line** is useful on off-road terrain as it indicates the walking direction.

Use the faster or shorter driving route

Open the Settings tab, set the transportation mode to **Drive**, and select **Route selection** > **Faster route** or **Shorter route**.

Use the optimised driving route

Open the Settings tab, set the transportation mode to **Drive**, and select **Route selection** > **Optimised**. The optimised driving route combines the advantages of both the shorter and the faster routes.

You can also choose to allow or avoid using, for example, motorways, toll roads, or ferries.

Connectivity

Your device offers several options to connect to the internet or to another compatible device or PC.

Data connections and access points

Your device supports packet data connections (network service), such as GPRS in the GSM network. When you use your device in GSM and 3G networks, multiple data connections can be active at the same time, and access points can share a data connection. In the 3G network, data connections remain active during voice calls.

You can also use a WLAN data connection. Only one connection in one wireless LAN can be active at a time, but several applications can use the same internet access point.

To establish a data connection, an access point is required. You can define different kinds of access points, such as the following:

- MMS access point to send and receive multimedia messages
- Internet access point (IAP) to send and receive e-mail and connect to the internet

Check the type of access point you need with your service provider for the service you want to access. For availability and subscription to packet data connection services, contact your service provider.

Network settings

Select **Menu** > **Settings** and **Connectivity** > **Network**.

Your device can automatically switch between GSM and UMTS networks. GSM networks are indicated with . UMTS networks are indicated with 3G.

Select from the following:

Network mode — Select which network to use. If you select **Dual mode**, the device uses the GSM or UMTS network automatically, according to the network parameters and the roaming agreements between the wireless service providers. For details and roaming costs, contact your network service provider. This option is shown only if supported by the wireless service provider.

A roaming agreement is an agreement between two or more service providers to enable the users of one service provider to use the services of other service providers.

Operator selection — Select **Automatic** to set the device to search for and select one of the available networks, or **Manual** to manually select the network from a list. If the connection to the manually selected network is lost, the device sounds an error tone and asks you to reselect a network. The selected network must have a roaming agreement with your home network.

Cell info display — Set the device to indicate when it is used in a cellular network based on microcellular network (MCN) technology and to activate cell info reception.

Wireless LAN

Your device can detect and connect to wireless local area networks (WLAN). Using a WLAN, you can connect your device to the internet and compatible devices that have WLAN support.

About WLAN

To use a wireless LAN (WLAN) connection, it must be available in the location, and your device must be connected to the WLAN. Some WLANs are protected, and you need an access key from the service provider to connect to them.

Note: Using WLAN may be restricted in some countries. For example, in France, you are only allowed to use WLAN indoors. For more information, contact your local authorities.

Features that use WLAN, or that are allowed to run in the background while using other features, increase the demand on battery power and reduce the battery life.

Your device supports the following WLAN features:

- IEEE 802.11b/g and WAPI standards

- Operation at 2.4 GHz
- Wired equivalent privacy (WEP) with keys up to 128 bits, Wi-Fi protected access (WPA), and 802.1x authentication methods. These functions can be used only if they are supported by the network.

Important: Use encryption to increase the security of your WLAN connection. Using encryption reduces the risk of others accessing your data.

WLAN connections

To use a wireless LAN (WLAN) connection, you must create an internet access point (IAP) for WLAN. Use the access point for applications that need to connect to the internet.

A WLAN connection is established when you create a data connection using a WLAN internet access point. The active WLAN connection ends when you end the data connection.

You can use WLAN during a voice call or when packet data is active. You can only be connected to one WLAN access point device at a time, but several applications can use the same internet access point.

When the device is in the offline profile, you can still use WLAN (if available). Remember to comply with any applicable safety requirements when establishing and using a WLAN connection.

Tip: To check the unique media access control (MAC) address that identifies your device, open the dialler and enter ***#62209526#**.

WLAN wizard

Select **Menu** > **Settings** and **Connectivity** > **Wireless LAN**.

The WLAN wizard helps you to connect to a wireless LAN (WLAN) and manage your WLAN connections.

If the search finds WLANs, to create an internet access point (IAP) for a connection and start the web browser using this IAP, select the connection, and from the pop-up menu, select **Start web browsing**.

If you select a secured WLAN, you are asked to enter the relevant password. To connect to a hidden network, you must enter the correct network name (service set identifier, SSID).

If you already have the web browser running using the currently active WLAN connection, to return to the web browser, select **Continue web browsing**.

To end the active connection, select the connection, and from the pop-up menu, select **Disconnect WLAN**.

WLAN internet access points

Select **Menu** > **Settings** and **Connectivity** > **Wireless LAN**.

Filter out WLANs from the list of found networks

Select **Options** > **Filter WLAN networks**. The selected networks are not displayed the next time the WLAN wizard searches for WLANs.

View the details of a network

Select the network, and from the pop-up menu, select **Details**. If you select an active connection, the connection details are displayed.

Operating modes

There are two operating modes in WLAN: infrastructure and ad hoc.

The infrastructure operating mode allows two kinds of communication: wireless devices are connected to each other through a WLAN access point device, or wireless devices are connected to a wired LAN through a WLAN access point device.

In the ad hoc operating mode, devices can send and receive data directly with each other.

Wireless LAN settings

In the wireless LAN (WLAN) settings, you can define whether the WLAN indicator is displayed when a network is available and how often the network is scanned. You can also define whether and how the internet connectivity test is performed, and view advanced WLAN settings.

Select **Menu** > **Settings** and **Connectivity** > **Wireless LAN** > **Options** > **Settings**.

Display when a WLAN is available

Select **Show WLAN availability** > **Yes**.

Set how often the device searches for available WLAN

Select **Show WLAN availability** > **Yes** and **Scan for networks**.

Define internet capability test settings

Select **Internet connectivity test** and whether to run the test automatically or after confirmation, or to never run the test. If the connectivity test is successful, the access point is saved to the internet destinations list.

View advanced settings

Select **Options** > **Advanced settings**.

It is recommended that you do not modify the advanced WLAN settings.

Access points

Create a new access point

Select **Menu** > **Settings** and **Connectivity** > **Destinations**.

You may receive access point settings in a message from a service provider. Some or all access points may be preset for your device by your service provider, and you may not be able to change, create, edit, or remove them.

1 Select **Access point**.

2 The device asks to check for available connections. After the search, connections that are already available are shown and can be shared by a new access point. If you skip this step, you are asked to select a connection method and to define the settings needed.

To view access points stored in your device, select an access point group. The different access point groups are the following:

- Internet access points
- Multimedia messaging access points
- WAP access points
- Uncategorised access points

The different access point types are indicated with the following:

- Protected access point
- Packet data access point
- Wireless LAN (WLAN) access point

Manage access point groups

To avoid selecting a single access point every time the device makes a network connection, you can create a group that contains various access points to connect to that network and define the order in which the access points are used. For example, you can add wireless LAN (WLAN) and packet data access points to an internet access point group, and use the group for browsing the web. If you give WLAN the highest priority, the device connects to the internet through WLAN, if available, and through a packet data connection if not.

Select **Menu** > **Settings** and **Connectivity** > **Destinations**.

Create a new access point group
Select **Options** > **New destination**.

Add access points to an access point group
Select the group and **Options** > **New access point**.

Copy an existing access point from another group
Select the group, and select and hold the access point to copy, and from the pop-up menu, select **Copy to other dest.**.

Change the priority of an access point within a group
Select and hold the access point, and from the pop-up menu, select **Change priority**.

Packet data access point settings

Select **Menu** > **Settings** and **Connectivity** > **Destinations** > **Access point**, and follow the instructions.

Edit a packet data access point
Select an access point group and access point marked with . Follow the instructions from your service provider.

Select from the following:

Access point name — The access point name is provided by your service provider.

User name — The user name may be needed to make a data connection, and is usually provided by your service provider.

Prompt password — If you must enter the password every time you log in to a server, or if you do not want to save your password in the device, select **Yes**.

Password — A password may be needed to make a data connection, and is usually provided by your service provider.

Authentication — To always send your password encrypted, select **Secure**. To send your password encrypted when possible, select **Normal**.

Homepage — Depending on the access point you are setting up, enter the web address or the address of the multimedia message centre.

Use access point — Set the device to connect to the destination using this access point after confirmation or automatically.

Modify advanced packet data access point settings
Select **Options** > **Advanced settings**.

Select from the following:

Network type — Select the internet protocol type to transfer data to and from your device. The other settings depend on the selected network type.

Phone IP address (for IPv4 only) — Enter the IP address of your device.

DNS addresses — Enter the IP addresses of the primary and secondary DNS servers, if required by your service provider. To obtain these addresses, contact your internet service provider.

Proxy server address — Enter the address of the proxy server.

Proxy port number — Enter the port number of the proxy server.

WLAN access point settings

Select **Menu** > **Settings** and **Connectivity** > **Destinations** > **Access point**, and follow the instructions.

Edit a wireless LAN (WLAN) access point

Select an access point group and access point marked with . Follow the instructions from your WLAN service provider.

Select from the following:

WLAN network name — Select **Enter manually** or **Search for networks**. If you select an existing network, the WLAN network mode and WLAN security mode are determined by the settings of its access point device.

Network status — Define whether the network name is displayed.

WLAN network mode — Select **Ad-hoc** to create an ad hoc network and to allow devices to send and receive data directly; a WLAN access point device is not needed. In an ad hoc network, all devices must use the same WLAN network name.

WLAN security mode — Select the encryption used: **WEP**, **802.1x**, or**WPA/WPA2** (802.1x and WPA/WPA2 are not available for ad hoc networks). If you select **Open network**, no encryption is used. The WEP, 802.1x and WPA functions can be used only if the network supports them.

Homepage — Enter the web address of the starting page.

Use access point — Set the device to create a connection using this access point automatically or after confirmation.

The available options may vary.

View your active data connections

Select **Menu** > **Settings** and **Connectivity** > **Connection mgr.**.

In the active data connections view, you can see your data connections:

data calls
packet data connections
WLAN connections

Close a connection
Select and hold a connection, and from the pop-up menu, select **Disconnect**.

Close all open connections
Select **Options** > **Disconnect all**.

View the details of a connection
Select **Options** > **Details**.

Synchronisation

With the Sync application, you can synchronise your notes, messages, contacts, and other information with a remote server.

Select **Menu** > **Settings** > **Connectivity** > **Data transfer**.

You may receive synchronisation settings as a configuration message from your service provider.

A synchronisation profile contains the necessary settings for synchronisation. When you open the application, the default or previously used synchronisation profile is displayed.

Include or exclude content types
Select a content type.

Synchronise data
Select **Options** > **Synchronise**.

Create a new synchronisation profile
Select **Options** > **New sync profile**.

Manage synchronisation profiles
Select **Options** and the desired option.

Bluetooth connectivity

About Bluetooth connectivity

With Bluetooth connectivity, you can make a wireless connection to other compatible devices, such as mobile devices, computers, headsets, and car kits.

You can use the connection to send items from your device, transfer files from your compatible PC, and print files with a compatible printer.

Select **Menu** > **Settings** and **Connectivity** > **Bluetooth**.

Since devices with Bluetooth wireless technology communicate using radio waves, they do not need to be in direct line-of-sight. However, they must be within 10 metres (33 feet) of each other, although the connection may be subject to interference from obstructions such as walls or from other electronic devices.

This device is compliant with Bluetooth Specification 2.0 + EDR supporting the following profiles: Advanced Audio Distribution, Audio/Video Remote Control, Basic Imaging, Basic Printing, Device ID, Dial-up Networking, File Transfer, Generic Audio/Video Distribution, Generic Access, Generic Object Exchange, Handsfree, (Human Interface Device) Headset, Object Push, Phone Book Access, Serial Port, and SIM Access. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved accessories for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

When the device is locked, only connections to authorised devices are possible.

Bluetooth settings

Select **Menu** > **Settings** and **Connectivity** > **Bluetooth**.

Select from the following:

Bluetooth — Activate Bluetooth connectivity.

My phone's visibility — To allow your device to be visible to other Bluetooth devices, select **Shown to all**. To set a length of time, after which the visibility is set from shown to hidden, select **Set visibility period**. To hide your device from other devices, select **Hidden**.

My phone's name — Edit the name of your device. The name is shown to other Bluetooth devices.

Remote SIM mode — Allow another device, such as a compatible car kit accessory, to use the SIM card in your device to connect to the network.

Security tips

Select **Menu** > **Settings** and **Connectivity** > **Bluetooth**.

When you are not using Bluetooth connectivity, to control who can find your device and connect to it, select **Bluetooth** > **Off** or **My phone's visibility** > **Hidden**. Deactivating the Bluetooth function does not affect other functions in your device.

Do not pair with or accept connection requests from an unknown device. This helps to protect your device from harmful content. Operating the device in hidden mode is a safer way to avoid malicious software.

Send data using Bluetooth connectivity

You can have several Bluetooth connections active at a time. For example, if you are connected to a compatible headset, you can also transfer files to another compatible device.

1 Open the application where the item you want to send is stored.
2 Select and hold the item, and from the pop-up menu, select **Send** > **Via Bluetooth**.

Devices with Bluetooth wireless technology that are within range are displayed. Device icons are as follows:

computer
phone
audio or video device
other device

To interrupt the search, select **Cancel**.

3 Select the device with which you want to connect.
4 If the other device requires pairing before data can be transmitted, a tone sounds, and you are asked to enter a passcode. The same passcode must be entered in your phone and the device.

When the connection is established, **Sending data** is displayed.

Tip: When searching for devices, some devices may show only the unique address (device address). To find the unique address of your phone, in the dialler, enter ***#2820#**.

Pair devices

You can pair your device with a compatible device to make subsequent Bluetooth connections between the devices quicker. Before pairing, create your own passcode (1 to 16 digits), and agree with the owner of the other device to use the same code. Devices that do not have a user interface have a factory-set passcode. The passcode is used only once.

Select **Menu** > **Settings** and **Connectivity** > **Bluetooth**.

1 Open the Paired devices tab.
2 Select **Options** > **New paired device**. Devices that are within range are displayed.
3 Select the device.

4 Enter the passcode on both devices.

indicates a paired device in the device search view.

Connect to an accessory after pairing
Select the audio device, and from the pop-up menu, select **Connect to audio device**. Some audio accessories connect automatically to your device after pairing.

Set a device as authorised
Select **Set as authorised**. Connections between your device and the authorised device can be made without your knowledge. Use this only for your own devices, such as your compatible headset or PC, or devices that belong to someone you trust. indicates authorised devices in the paired devices view.

Cancel a pairing with a device
Select the device, and from the pop-up menu, select **Delete**.

Cancel all pairings
Select **Options** > **Delete all**.

Receive data using Bluetooth connectivity

When you receive data using Bluetooth connectivity, a tone sounds, and the device asks you if you want to accept the message. If you accept, is displayed, and you can find an informative message about the data in the Inbox folder in Messaging. Messages received using Bluetooth connectivity are indicated with .

Block a device

You can prevent devices from creating a Bluetooth connection to your phone.

Select **Menu** > **Settings** and **Connectivity** > **Bluetooth**.

Open the Paired devices tab, select the device you want to block, and from the pop-up menu, select **Block**.

Remove a device from the blocked devices list
Open the Blocked devices tab, select the device you want to remove from the list, and from the pop-up menu, select **Delete**.

If you reject a pairing request from another device, you are asked if you want to add the device to the list of blocked devices.

Remote SIM mode

With remote SIM mode, you can use a compatible car kit accessory. Before remote SIM mode can be activated, the two devices must be paired and the pairing initiated from the other device. When pairing, use a 16-digit passcode, and set the other device as authorised.

Select **Menu** > **Settings** and **Connectivity** > **Bluetooth**.

Activate remote SIM mode

1 Activate Bluetooth connectivity. Select **Bluetooth**.
2 Activate remote SIM mode in your device. Select **Remote SIM mode**.
3 Activate remote SIM mode in the other device.

When remote SIM mode is activated, **Remote SIM mode** is displayed in the home screen. The connection to the wireless network is closed, and you cannot use SIM card services or features that require cellular network coverage.

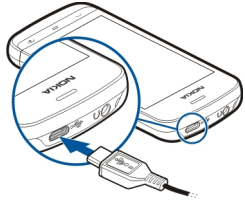
When your device is in remote SIM mode, you can only make or receive calls using the connected accessory. Your device can only make calls to the emergency numbers programmed into your device.

Deactivate remote SIM mode

Press the power key, and select **Exit remote SIM mode**.

Transfer data using a USB cable

Select **Menu** > **Settings** and **Connectivity** > **USB**.



Select the USB mode every time a compatible data cable is connected

Select **Ask on connection** > **Yes**.

If the **Ask on connection** option is not active, or you want to change the USB mode during an active connection, select **USB connection mode** and from the following:

Ovi Suite — Use Nokia PC applications such as Nokia Ovi Suite or Nokia Software Updater.

Mass storage — Transfer data between your device and a compatible PC.

Image transfer — Print images using a compatible printer.

Media transfer — Synchronise music with Nokia Music or Windows Media Player.

PC connections

You can use your mobile device with a variety of compatible PC connectivity and data communications applications. With Nokia Ovi Suite you can, for example, transfer files and images between your device and a compatible computer.

To use Ovi Suite with USB connection mode, select **Ovi Suite**.

For more information about Ovi Suite, see the support area at www.ovi.com.

Administrative settings

Set the online time for the data call connection

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings** > **Data call**.

The data call settings affect all access points that use a GSM data call.

Packet data settings

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings** > **Packet data**.

The packet data settings affect all access points using a packet data connection.

Open a packet data connection whenever the network is available

Select **Packet data connection** > **When available**.

It is quicker, for example, to send an e-mail, if the connection is always open. If there is no network coverage, the device periodically tries to open a packet data connection.

Open a packet data connection only when needed

Select **Packet data connection** > **When needed**.

Every time you, for example, send an e-mail, the connection needs to be opened first.

Use HSDPA (network service) in UMTS networks

Select **High speed packet access**.

You can use your device as a modem for your computer, to access the internet over a packet data connection.

Define the access point to use when using your device as a modem
Select **Access point**.

SIP settings

Session Initiation Protocol (SIP) settings are needed for certain network services using SIP. You may receive the settings in a special text message from your service provider. You can view, delete, or create these setting profiles in SIP settings.

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings** > **SIP settings**.

Access point name control

With the access point name control service, you can restrict packet data connections and allow your device to use only certain packet data access points.

Select **Menu** > **Settings** and **Connectivity** > **Admin. settings** > **APN control**.

This setting is only available if your SIM card supports the access point control service.

Activate the service, or set the allowed access points
Select **Options** and the appropriate option.
To modify the settings, you need to enter your PIN2 code. The code is provided by your service provider.

Search

About Search

Select **Menu** > **Applications** > **Search**.

With Search you can find people, messages, music, and other content on your device, or search the internet (network service). The content and availability of the services may vary.

Start a search

Select **Menu** > **Applications** > **Search**.

To search the contents of your mobile device, enter search terms in the search field, or browse the content categories. While you enter the search terms, the results are organised into categories. The most recently accessed results appear at the top of the result list, if they match your search terms.

To search for web pages on the internet, select **Search the Internet** and a search provider, and enter your search terms in the search field. The search provider you selected is set as your default internet search provider.

If a default search provider is already set, select it to start a search, or select **More search services** to use another search provider.

To change the default search provider, select **Options** > **Settings** > **Search services**.

To change the country or region setting, to find more search providers, select **Options** > **Settings** > **Country or region**.

Other applications

Clock

Set time and date

Select **Menu** > **Applications** > **Clock**.

Select **Options** > **Settings** and from the following:

Time — Set the time.

Date — Set the date.

Automatic time update — Set the network to automatically update the time, date, and time zone information for your device (network service).

Alarm clock

Select **Menu** > **Applications** > **Clock**.

Set a new alarm

1 Select **New alarm**.
2 Set the alarm time.
3 Select **Repeat** to set whether and when the alarm is repeated.
4 Select **Done**.

View your alarms

Select **Alarms**. indicates an active alarm. indicates a repeated alarm.

Remove an alarm

Select **Alarms** and the alarm, and from the pop-up menu, select **Remove alarm**.

Stop the alarm

Select **Stop**. If your device is switched off when an alarm expires, your device switches itself on and starts sounding the alarm tone.

Set the alarm to snooze

Select **Snooze**.

Define the snooze time

Select **Options** > **Settings** > **Alarm snooze time**.

Change the alarm tone

Select **Options** > **Settings** > **Clock alarm tone**.

World clock

With the world clock, you can view the current time in different locations.

Select **Menu** > **Applications** > **Clock**.

View the time

Select **World clock**.

Add locations to the list

Select **Options** > **Add location**.

Set your current location

Select the location, and from the pop-up menu, select **Set as current location**. The time in your device is changed according to the selected location. Ensure that the time is correct and matches your time zone.

Calendar

To open the calendar, select **Menu** > **Calendar**.

Calendar views

To switch between the month, week, day, and to-do note views, select **Options** > **Change view** and the desired view.

To change the starting day of the week or the view that is displayed when you open the calendar, or to modify calendar alarm settings, select **Options** > **Settings**.

To go to a certain date, select **Options** > **Go to date**.

Calendar toolbar

Select **Menu** > **Calendar**.

From the calendar toolbar, select from the following:

Next view — Select the month view.

Next view — Select the week view.

Next view — Select the day view.

Next view — Select the to-do view.

New meeting — Add a new meeting reminder.

New to-do note — Add a new to-do note.

File manager

About the file manager

Select **Menu** > **Applications** > **Office** > **File mgr.**.

You can browse, manage, and open files on your phone. You can also view and manage files on a compatible inserted memory card.

Organise files

You can use the File manager application to delete, move, copy, or create new files and folders. If you organise your files into their own folders, it might help you find the files in future.

Select **Menu** > **Applications** > **Office** > **File mgr.**.

Create a new folder

In the folder where you want to create a sub-folder, select **Options** > **Organise** > **New folder**.

Copy or move a file to a folder

Select and hold the file, and from the pop-up menu, select the appropriate option.

Edit the memory card

You can format a memory card to erase the data on it, or you can protect the data on the memory card with a password.

Select **Menu** > **Applications** > **Office** > **File mgr.**.

Rename or format a memory card

Select the memory card, **Options** > **Memory card options**, and the desired option.

Password protect a memory card
Select the memory card and **Options** > **Memory card password**.

These options are available only if a compatible memory card is inserted in the device.

Back up files

Select **Menu** > **Applications** > **Office** > **File mgr.**.

It is recommended that you back up the phone memory regularly to a memory card or a compatible computer.

Back up data from the phone memory to a memory card
Select **Options** > **Back up now**.

Restore data from the memory card to the phone memory
Select **Options** > **Restore from mem. card**.

You can also connect your phone to a compatible computer, and use Nokia Ovi Suite to back up data.

Application manager

About Application manager

Select **Menu** > **Settings** and **Application mgr.**.

With Application manager you can view details of installed applications, remove applications, and define installation settings.

You can install the following types of applications:

- J2ME applications, based on Java™ technology, that have the .jad or .jar file extension
- Applications, compatible with the Symbian operating system, that have the .sis or .sisx file extension
- Widgets that have the .wgz file extension

Only install applications that are compatible with your device.

Install applications

You can transfer installation files to your device from a compatible computer, download them during browsing, or receive them in a multimedia message, as an e-mail attachment, or using other connectivity methods, such as Bluetooth connectivity.

You can use Nokia Application Installer in Nokia Ovi Suite to install an application to your device.

Select **Menu** > **Settings** and **Application mgr.**.

The installation files are located in the Installation files folder, and the installed applications in the Installed apps. folder.

Icons indicate the following:

SIS or SISX application

Java application

Widget

Application installed on the memory card

Before installing an application, check the following:

- View the application type, version number, and the supplier or manufacturer of the application. Select the application.
- View the security certificate details of the application. Select **Certificates:** > **View details**.

If you install a file that contains an update or repair to an existing application, you can only restore the original application if you have the original installation file or a full backup copy of the removed software package. To restore the original application, remove the application, and install the application again from the original installation file or the backup copy.

The JAR file is required for installing Java applications. If it is missing, the device may ask you to download it. If there is no access point defined for the application, you are asked to select one.

Install an application

1 Locate the installation file in the Installation files folder in Application manager, or search for it in File manager or your Inbox in Messaging.

2 In Application manager, select and hold the application you want to install, and from the pop-up menu, select **Install**. In other applications, select the installation file to start the installation.

During installation, the device shows information about the progress of the installation. If you install an application without a digital signature or certification, the device displays a warning. Continue installation only if you are sure of the origin and contents of the application.

Open an installed application

Select the application in the menu. If the application does not have a default folder defined, it is installed in the Installed apps. folder in the main menu.

See which software packages are installed or removed

Select **Options** > **View log**.

Remove an application from your device

You can remove installed applications that you no longer need or use, to increase the amount of available memory.

Select **Menu** > **Settings** and **Application mgr.**.

1 Select **Installed apps.**.
2 Select and hold the application to remove, and from the pop-up menu, select **Uninstall**.

If you remove an application, you can only reinstall it if you have the original installation file or a full backup of the removed application. You may not be able to open files created with a removed application.

If an installed application depends on a removed application, the installed application may stop working. For details, see the user documentation of the installed application.

Application manager settings

Select **Menu** > **Settings** and **Application mgr.**.

Select **Installation settings** and from the following:

Software installation — Allow or deny installation of Symbian software that does not have a verified digital signature.

Online certificate check — Check online certificates before installing an application.

Default web address — Set the default web address used to check online certificates.

RealPlayer

With RealPlayer, you can play video clips or stream media files over the air without saving them to the device first.

RealPlayer does not necessarily support all file formats or all the variations of file formats.

Select **Menu** > **Applications** > **RealPlayer**.

RealPlayer toolbar

Select **Menu** > **Applications** > **RealPlayer**.

In the Video clips, Streaming links, and Recently played views, the following toolbar icons may be available:

Send — Send a video clip or streaming link.

Play — Play a video clip or video stream.

Delete — Delete a video clip or streaming link.

Remove — Remove a file from the recently played list.

Play a video clip

Select **Menu** > **Applications** > **RealPlayer**.

Play a video clip

Select **Video clips** and a video clip.

List recently played files

In the main view, select **Recently played**.

Go to a video clip, and select **Options** and from the following:

Use video clip — Assign a video clip to a contact or set it as a ringing tone.

Mark/Unmark — Mark or unmark an item, to send or delete multiple items at the same time.

View details — View details, such as format, resolution, and duration.

Settings — Edit settings for video playback and streaming.

Stream content over the air

Select **Menu** > **Applications** > **RealPlayer**.

Streaming content over the air is a network service. Select **Streaming links** and a link. You can also receive a streaming link in a text or multimedia message, or open a link on a web page.

Before live content begins streaming, your device connects to the site and starts loading the content. The content is not saved in your device.

In RealPlayer, you can only open RTSP links. However, RealPlayer can also play a RAM file if you open a HTTP link to it in a browser.

Recorder

You can use the recorder to record voice memos and telephone conversations. You can also send sound clips to your friends.

Select **Menu** > **Applications** > **Office** > **Recorder**.

Record a sound clip
Select ●.

Stop recording a sound clip
Select ■.

Listen to the sound clip
Select ▶.

Send a sound clip as a message
Select **Options** > **Send**.

Record a telephone conversation
Open the recorder during a voice call, and select ●. Both parties hear a tone at regular intervals during recording.

Select the recording quality or where to save sound clips
Select **Options** > **Settings**.

You cannot use the recorder during a data call or when a GPRS connection is open.

Write a note

1. Select **Menu** > **Applications** > **Office** > **Notes**.
2. Select **Options** > **New note**.
3. Enter text in the note field.
4. Select ✓.

Make a calculation

1. Select **Menu** > **Applications** > **Office** > **Calculator**.
2. Enter the first number of the calculation.
3. Select a function, such as add or subtract.
4. Enter the second number of the calculation.
5. Select **=**.

Converter

With Converter, you can convert measures from one unit to another.

The converter has limited accuracy, and rounding errors may occur.

Select **Menu** > **Applications** > **Office** > **Converter**.

Dictionary

Select **Menu** > **Applications** > **Office** > **Dictionary**.

To translate words from one language to another, enter text in the search field. As you enter text, suggestions of words to translate are displayed. To translate a word, select the word from the list.

All languages may not be supported.

Select **Options** and from the following:

Listen — Listen to the selected word.

History — Find previously translated words from the current session.

Languages — Change the source or target language, download languages from the internet, or remove a language from the dictionary. You cannot remove the English language from the dictionary. You can have two additional languages installed, besides English.

Settings

Some settings may be preset for the device by your service provider, and you may not be able to change them.

Phone settings

Date and time settings

Select **Menu** > **Settings** and **Phone** > **Date and time**.

Select from the following:

Time — Enter the current time.

Time zone — Select your location.

Date — Enter the current date.

Date format — Select the date format.

Date separator — Select the symbol that separates days, months, and years.

Time format — Select the time format.

Time separator — Select the symbol that separates hours and minutes.

Clock type — Select the clock type.

Clock alarm tone — Select the tone for the alarm clock.

Alarm snooze time — Adjust the snooze time.

Workdays — Select your working days. You can then set an alarm only for working day mornings, for example.

Automatic time update — Set the device to update the time, date, and time zone automatically. This network service may not be available on all networks.

Change language

You can change the phone language and the language in which you write your messages and mails. You can also activate predictive text input.

Select **Menu** > **Settings** and **Phone** > **Language**.

Change the phone language

Select **Phone language**.

Change the writing language

Select **Writing language**.

Activate predictive text input

Select **Predictive text**.

Display settings

Select **Menu** > **Settings** and **Phone** > **Display**.

Select from the following:

Brightness — Adjust the brightness of your device display.

Font size — Select the size of text and icons on the display.

Welcome note / logo — Set a note or image to be displayed when you switch on the device.

Light time-out — Set how long the light stays on when you stop using the device.

Voice commands

Activate voice commands

Press and hold the call key in the home screen, and say a command. The voice command is the name of the application or profile displayed in the list.

To view the list of voice commands, select **Menu** > **Settings** and **Phone** > **Voice commands**.

Select **Options** and from the following:

Settings — Adjust the settings.

Voice command tutorial — Open the tutorial for voice commands.

Change or play a command

Select and hold the command, and from the pop-up menu, select **Change command** or **Playback**.

Delete a command

Select and hold the application or profile the command is assigned to, and from the pop-up menu, select **Remove**.

Accessory settings

Select **Menu** > **Settings** and **Phone** > **Accessories**.

Some accessory connectors indicate which type of accessory is connected to the device.

Select an accessory and from the following:

Default profile — Set the profile you want activated each time you connect a certain compatible accessory to your device.

Automatic answer — Set the device to answer an incoming call automatically after 5 seconds. If the ringing type is set to **Beep once** or **Silent**, automatic answer is disabled.

Lights — Set the lights to remain on after the time-out.

The available settings depend on the type of accessory.

Application settings

Select **Menu** > **Settings** and **Phone** > **Application sett.**.

In application settings, you can edit the settings of some of the applications in your device.

To edit the settings, you can also select **Options** > **Settings** in each application.

Device updates

With Device updates, you can connect to a server and receive configuration settings for your device, create new server profiles, view existing software version and device information, or view and manage existing server profiles.

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Device updates**.

You may receive server profiles and different configuration settings from your service providers and company information management department. These configuration settings may include connection and other settings used by different applications in your device.

Receive configuration settings

1 Select **Options** > **Server profiles**.
2 Select and hold the profile, and from the pop-up menu, select **Start configuration**.

Create a server profile

Select **Options** > **Server profiles** > **Options** > **New server profile**.

Delete a server profile

Select and hold the profile, and from the pop-up menu, select **Delete**.

Security settings

Phone and SIM

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Phone and SIM card**.

Select from the following:

PIN code request — When active, the code is requested each time the device is switched on. Deactivating the PIN code request may not be allowed by some SIM cards.

PIN code and**PIN2 code** — Change the PIN and PIN2 code. These codes can only include numbers. Avoid using access codes similar to the emergency numbers to prevent accidental dialling of the emergency number. If you forget the PIN or PIN2 code, contact your service provider. If you forget the lock code, contact a Nokia Care point or your service provider.

Lock code — The lock code is used to unlock the device. To avoid unauthorised use of your device, change the lock code. The preset code is 12345. The new code can be 4-255 characters long. Alphanumeric characters and both uppercase and lowercase characters can be used. The device notifies you if the lock code is not properly formatted. Keep the new code secret and separate from your device.

Phone autolock period — To avoid unauthorised use, you can set a time-out after which the device automatically locks. A locked device cannot be used until the correct lock code is entered. To turn off autolock, select **None**.

Lock if SIM card changed — Set the device to ask for the lock code when an unknown SIM card is inserted into your device. The device maintains a list of SIM cards that are recognised as the owner's cards.

Remote phone locking — Enable or disable remote lock.

Closed user group — Specify a group of people to whom you can call and who can call you (network service).

Confirm SIM services — Set the device to display confirmation messages when you are using a SIM card service (network service).

Manage certificates

Digital certificates protect your content when transferring confidential information. Certificates should be used when connecting to an online bank or another site, or to a remote server for actions that involve transferring confidential information.

Certificates should also be used when you want to reduce the risk of viruses or other malicious software and be sure of the authenticity of software when downloading and installing software.

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Certificate management** and select the desired certificate type.

Digital certificates do not guarantee safety; they are used to verify the origin of software.

Important: The existence of a certificate considerably reduces risks involved in remote connections and software installation. To benefit from increased security, certificates must be used correctly, and they must be correct, authentic, or trusted. Certificates have a restricted lifetime. If they have expired or are invalid, check that the current date and time in your device are correct.

Security module

The security module provides security services for different applications.

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Security** > **Security module** and the desired security module.

View security module details

Select **Options** > **Security details**.

Restore original settings

You may want to reset some of the settings to their original values. All active calls and connections must be ended.

Select **Menu** > **Settings** and **Phone** > **Phone mgmt.** > **Factory settings**. To restore the settings, you need to enter the lock code.

After resetting, the device may take a longer time to switch on. Documents and files are unaffected.

Protected content

Digital rights management (DRM) protected content, such as pictures, videos, or music, comes with an associated licence that defines your rights to use the content. DRM protected songs cannot be used, for example, as ringtones or alarm tones.

You can view the details and status of the licences, and reactivate and remove licences.

Manage digital rights licences

Select **Menu** > **Settings** > **Phone** > **Phone mgmt.** > **Security** > **Protected content**.

Notification lights

Select **Menu** > **Settings** and **Phone** > **Notification lights**.

To turn the standby breathing light on or off, select **Standby br. light**.

When the standby breathing light is turned on, the menu key lights up periodically.

To turn the notification light on or off, select **Notification light**.

When the notification light is turned on, the menu key lights up for a period you define to notify of missed events, such as missed calls or unread messages.

Call settings

Call settings

With call settings, you can define call specific settings in your device.

Select **Menu** > **Settings** and **Calling** > **Call**.

Select from the following:

Send my caller ID — Select **Yes** to show your phone number to the person you are calling. To use the setting agreed upon with your service provider, select **Set by network** (network service).

Send my internet call ID — Select **Yes** to show your internet call ID to the person you are calling.

Call waiting — Set your device to notify you of incoming calls while you are in a call (network service), or check whether the feature is activated.

Internet call waiting — Set your device to notify you of a new incoming internet call while you are in a call.

Internet call alert — To set your device to alert for incoming internet calls, select **On**. If you select **Off**, you receive only a notification if you missed a call.

Reject call with message — Send a text message when you reject a call, informing the caller why you could not answer the call.

Message text — Write the standard text message that is sent when you reject a call.

Automatic redial — Set your device to make a maximum of 10 attempts to connect the call after an unsuccessful call attempt. To stop automatic redialling, press the end key.

Show call duration — Display the length of a call during a call.

Summary after call — Display the length of a call after a call ends.

Speed dialling — Activate speed dialling.

Anykey answer — Activate anykey answer.

The available options may vary.

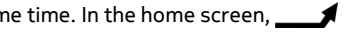
Call divert

You can divert incoming calls to your voice mailbox or another phone number. For details, contact your service provider.

Select **Menu** > **Settings** and **Calling** > **Call divert**.

Divert all voice calls to your voice mailbox or another phone number

1 Select **Voice calls** > **All voice calls**.
2 To activate call divert, select **Activate**.
3 To divert calls to your voice mailbox, select **To voice mailbox**.
4 To divert calls to another phone number, select **To other number**, and enter the number, or select **Find** to retrieve a number saved in the contacts list.

Several diverting options can be active at the same time. In the home screen,  indicates that all calls are diverted.

Call barring

With call barring (network service), you can restrict the calls that you make or receive with the device. For example, you can restrict all outgoing international calls or incoming calls when you are abroad. To modify the settings, you need the barring password from your service provider.

Select **Menu** > **Settings** and **Calling** > **Call barring**.

Bar voice calls or check the barring status

Select the desired barring option and **Activate** or **Check status**. Call barring affects all calls, including data calls.

Bar anonymous internet calls
Select **Anonymous call barring**.

Find help

In-device help

Your device contains instructions to help to use the applications in your device.

To open help texts from the main menu, select **Menu** > **Applications** > **Help** and the application for which you want to read instructions.

When an application is open, to access the help text for the current view, select **Options** > **Help**.

When you are reading the instructions, to change the size of the help text, select **Options** > **Decrease font size** or **Increase font size**.

You may find links to related topics at the end of the help text.
If you select an underlined word, a short explanation is displayed.

Help texts use the following indicators:

Link to a related help topic.
Link to the application being discussed.

When you are reading the instructions, to switch between help texts and the application that is open in the background, select **Options** > **Show open apps.** and the desired application.

Support

When you want to learn more about how to use your product or you are unsure how your phone should function, read the user guide in your phone. Select **Menu** > **Applications** > **Help**.

If this does not resolve your issue, do one of the following:

- Reboot your phone. Switch off the phone, and remove the battery. After about a minute, replace the battery, and switch on the phone.
- Update your phone software
- Restore the original factory settings

If your issue remains unsolved, contact Nokia for repair options. Go to www.nokia.com/repair. Before sending your phone for repair, always back up your data.

Update phone software and applications using your phone

You can check if there are updates available for your phone software or for individual applications, and then download and install them to your phone (network service). You can also set your phone to automatically check for updates and notify you when important or recommended updates are available.

Select **Menu** > **Applications** > **Tools** > **SW update**.

If there are available updates, select which updates to download and install, and select ▶.

Set your phone to automatically check for updates

Select **Options** > **Settings** > **Auto-check for updates**.

Update phone software using your PC

You can use the Nokia Ovi Suite PC application to update your phone software. You need a compatible PC, a high-speed internet connection, and a compatible USB data cable to connect your phone to the PC.

To get more information and to download the Nokia Ovi Suite application, go to www.nokia.com/software.

Settings

Your device normally has MMS, GPRS, streaming, and mobile internet settings automatically configured in the device, based on your network service provider information. You may have settings from your service providers already installed in your device, or you may receive or request the settings from the network service providers as a special message.

Access codes

PIN or PIN2 code (4-8 digits)	These protect your SIM card against unauthorised use or are required to access some features. You can set your phone to ask for the PIN code when you switch it on. If not supplied with your SIM card or you forget the codes, contact your service provider.

	If you enter the code incorrectly three times in a row, you need to unblock the code with the PUK or PUK2 code.
PUK or PUK2 code (8 digits)	These are required to unblock a PIN or PIN2 code. If not supplied with your SIM card, contact your service provider.
IMEI number (15 digits)	This is used to identify valid phones in the network. The number can also be used to block, for example, stolen phones. To view your IMEI number, dial ***#06#**.
Lock code (security code) (min. 4 digits or characters)	This helps you protect your phone against unauthorised use. You can set your phone to ask for the lock code that you define. Keep the code secret and in a safe place, separate from your phone. If you forget the code and your phone is locked, your phone will require service. Additional charges may apply, and all the personal data in your phone may be deleted. For more information, contact a Nokia Care Point or your phone dealer.

Prolong battery life

Many features in your device increase the demand on battery power and reduce the battery lifetime. To save battery power, note the following:

- Features that use Bluetooth connectivity, or allowing such features to run in the background while using other features, increase the demand on battery power. Deactivate Bluetooth connectivity when you do not need it.
- Features that use a wireless LAN (WLAN), or allowing such features to run in the background while using other features, increase the demand on battery power. WLAN connectivity is deactivated when you are not trying to connect, not connected to an access point, or not scanning for available networks. To further reduce battery consumption, you can specify that your device does not scan, or scans less often, for available networks in the background.
- If you have selected **Packet data connection** > **When available** in the connection settings, and there is no packet data coverage (GPRS), the device periodically tries to establish a packet data connection. To prolong the operating time of your device, select **Packet data connection** > **When needed**.

- The Maps application downloads new map information when you move to new areas on the map, which increases the demand on battery power. You can prevent the automatic download of new maps.
- If the signal strength of the cellular network varies much in your area, your device must scan for the available network repeatedly. This increases the demand on battery power.

  If the network mode is set to dual mode in the network settings, the device searches for the 3G network. To set the device to use only the GSM network, select **Menu** > **Settings** and **Connectivity** > **Network** > **Network mode** > **GSM**.
- The backlight of the display increases the demand on battery power. In the display settings, you can adjust the display brightness and change the time-out period after which the backlight is switched off. Select **Menu** > **Settings** and **Phone** > **Display** > **Brightness** or **Light time-out**.
- Leaving applications running in the background increases the demand on battery power. To access the applications you are not using, press and hold the menu key, and select an application.

Increase available memory

Do you need more available device memory for new applications and content?

View how much space is available for different data types

Select **Menu** > **Applications** > **Office** > **File mgr.**.

Many features of the device use memory to store data. The device notifies you if the memory in different memory locations is low.

Increase available memory

Transfer data to a compatible memory card (if available) or to a compatible computer.

To remove data you no longer need, use File manager or open the respective application. You can remove the following:

- Messages in the folders in Messaging and retrieved e-mail messages in the mailbox
- Saved web pages
- Contact information
- Calendar notes
- Applications shown in Application manager that you do not need
- Installation files (.sis or .sisx) of applications you have installed. Transfer the installation files to a compatible computer.

- Images and video clips in Gallery. Back up the files to a compatible computer.

Protect the environment

Save energy

You do not need to charge your battery so often if you do the following:

- Close applications and data connections, such as your WLAN or Bluetooth connection, when not in use.
- Deactivate unnecessary sounds, such as touch screen and key tones.

Recycle

When this phone has reached the end of its working life, all of its materials can be recovered as materials and energy. To guarantee the correct disposal and reuse, Nokia co-operates with its partners through a program called We:recycle. For information on how to recycle your old Nokia products and where to find collection sites, go to www.nokia.com/werecycle, or call the Nokia Care contact centre.

Recycle packaging and user guides at your local recycling scheme.

The crossed-out wheeled-bin symbol on your product, battery, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies in the European Union. Do not dispose of these products as unsorted municipal waste. For more information on the environmental attributes of your phone, go to www.nokia.com/ecoprofile.

Product and safety information

Network services and costs

Your device is approved for use on the WCDMA 2100/1900/900 and GSM/EDGE 850/900/1800/1900 MHz networks.

To use the device, you need a subscription with a service provider.

Using network services and downloading content to your device requires a network connection and may result in data traffic costs. Some product features require support from the network, and you may need to subscribe to them.

Take care of your device
Handle your device, battery, charger and accessories with care. The following suggestions help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, remove the battery, and allow the device to dry.
- Do not use or store the device in dusty or dirty areas. Moving parts and electronic components can be damaged.
- Do not store the device in high temperatures. High temperatures can shorten the life of the device, damage the battery, and warp or melt plastics.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage electronic circuits.
- Do not attempt to open the device other than as instructed in the user guide.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and mechanics.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog moving parts and prevent proper operation.
- Switch off the device and remove the battery from time to time for optimum performance.
- Keep your device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important information.

During extended operation, the device may feel warm. In most cases, this is normal. If you suspect the device is not working properly, take it to the nearest authorised service facility.

Recycle
Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Check how to recycle your Nokia products at www.nokia.com/recycling.

About Digital Rights Management
When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent you from copying, modifying, or transferring pictures, music, and other content.

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 10 and OMA DRM 2.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated licence that defines your rights to use the content.

If your device has OMA DRM-protected content, to back up both the licences and the content, use the backup feature of Nokia Ovi Suite.

Other transfer methods may not transfer the licences which need to be restored with the content for you to be able to continue the use of OMA DRM-protected content after the device memory is formatted. You may also need to restore the licences if the files on your device become corrupted.

If your device has WMDRM-protected content, both the licences and the content are lost if the device memory is formatted. You may also lose the licences and the content if the files on your device become corrupted. Losing the licences or the

content may limit your ability to use the same content on your device again. For more information, contact your service provider.

Some licences may be connected to a specific SIM card, and the protected content can be accessed only if the SIM card is inserted in the device.

Batteries and chargers

Battery and charger information

Your device is intended for use with a BL-4U rechargeable battery. Nokia may make additional battery models available for this device. Always use original Nokia batteries.

This device is intended for use when supplied with power from the following chargers: AC-8. The exact Nokia charger model number may vary depending on the plug type, identified by E, X, AR, U, A, C, K, or B.

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery.

Battery safety

Always switch the device off and disconnect the charger before removing the battery. When you unplug a charger or an accessory, hold and pull the plug, not the cord.

When your charger is not in use, unplug it from the electrical plug and the device. Do not leave a fully charged battery connected to a charger, as overcharging may shorten the battery's lifetime. If left unused, a fully charged battery will lose its charge over time.

Always keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily.

Accidental short-circuiting can happen when a metallic object touches the metal strips on the battery, for example, if you carry a spare battery in your pocket. Short-circuiting may damage the battery or the connecting object.

Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations. Recycle when possible. Do not dispose as household waste.

Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. If a battery leaks, do not let battery liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, or seek medical help.

Do not modify, remanufacture, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. Batteries may explode if damaged.

Use the battery and charger for their intended purposes only. Improper use, or use of unapproved batteries or incompatible chargers may present a risk of fire, explosion, or other hazard, and may invalidate any approval or warranty. If you believe the battery or charger is damaged, take it to a service centre for inspection before continuing to use it. Never use a damaged battery or charger. Only use the charger indoors.

Additional safety information

Emergency calls

Make an emergency call

1 Ensure the device is switched on.

2 Check for adequate signal strength. You may also need to do the following:

- Insert a SIM card.
- Remove call restrictions you have activated for your device, such as call barring, fixed dialling, or closed user group.
- Ensure your device is not in an offline or flight profile.

- If the device screen and keys are locked, unlock them.

3 To clear the display, press the end key as many times as needed.

4 Select **Telephone**.

5 Enter the official emergency number for your present location. Emergency call numbers vary by location.

6 Press the call key.

7 Give the necessary information as accurately as possible. Do not end the call until given permission to do so.

Important: Activate both cellular and internet calls, if your device supports internet calls. The device may attempt to make emergency calls both through cellular networks and through your internet call service provider. Connections in all conditions cannot be guaranteed. Never rely solely on any wireless device for essential communications like medical emergencies.

Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external radio frequency energy.

Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

Hearing

Warning:
When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

Some wireless devices may interfere with some hearing aids.

Nickel

The surface of this device is nickel-free.

Protect your device from harmful content

Your device may be exposed to viruses and other harmful content. Take the following precautions:

- Be cautious when opening messages. They may contain malicious software or otherwise be harmful to your device or computer.

- Be cautious when accepting connectivity requests, browsing the internet, or downloading content. Do not accept Bluetooth connections from sources you do not trust.
- Only install and use services and software from sources that you trust and that offer adequate security and protection.
- Install antivirus and other security software on your device and any connected computer. Only use one antivirus application at a time. Using more may affect performance and operation of the device and/or computer.
- If you access preinstalled bookmarks and links to third party internet sites, take the appropriate precautions. Nokia does not endorse or assume liability for such sites.

Operating environment

This device meets radio frequency exposure guidelines in the normal use position at the ear or at least 1.5 centimetres (5/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions until the transmission is completed.

Vehicles

Radio signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection, electronic antilock braking, electronic speed control, and air bag systems. For more information, check with the manufacturer of your vehicle or its equipment.

Only qualified personnel should install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere, for example near gas pumps at service stations. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Observe restrictions in fuel service stations, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

Certification information (SAR)

This mobile device meets guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station.

The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 1.36 W/kg.

Use of device accessories may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at www.nokia.com.

Copyright and other notices

DECLARATION OF CONFORMITY

CE 0434 ⓘ

Hereby, NOKIA CORPORATION declares that this RM-697 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at http://www.nokia.com/phones/declaration_of_conformity/.

© 2010 Nokia. All rights reserved.

Nokia and Nokia Connecting People are trademarks or registered trademarks of Nokia Corporation. Nokia tune is a sound mark of Nokia Corporation. Other product and company names mentioned herein may be trademarks or tradenames of their respective owners.

Reproduction, transfer, distribution, or storage of part or all of the contents in this document in any form without the prior written permission of Nokia is prohibited. Nokia operates a policy of continuous development. Nokia reserves the right to make changes and improvements to any of the products described in this document without prior notice.

Java and all Java-based marks are trademarks or registered trademarks of Sun Microsystems, Inc.

This product is licensed under the MPEG-4 Visual Patent Portfolio License (i) for personal and noncommercial use in connection with information which has been encoded in compliance with the MPEG-4 Visual Standard by a consumer engaged in a personal and noncommercial activity and (ii) for use in connection with MPEG-4 video provided by a licensed video provider. No license is granted or shall be implied for any other use. Additional information, including that related to promotional, internal, and commercial uses, may be obtained from MPEG LA, LLC. See http://www.mpegla.com.

To the maximum extent permitted by applicable law, under no circumstances shall Nokia or any of its licensors be responsible for any loss of data or income or any special, incidental, consequential or indirect damages howsoever caused.

The contents of this document are provided "as is". Except as required by applicable law, no warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, are made in relation to the accuracy, reliability or contents of this document. Nokia reserves the right to revise this document or withdraw it at any time without prior notice.

Reverse engineering of software in the device is prohibited to the extent permitted by applicable law. Insofar as this user guide contains any limitations on Nokia's representations, warranties, damages and liabilities, such limitations shall likewise limit any representations, warranties, damages and liabilities of Nokia's licensors.
The availability of products, features, applications and services may vary by region. For more information, contact your Nokia dealer or your service provider. This device may contain commodities, technology or software subject to export laws and regulations from the US and other countries. Diversion contrary to law is prohibited.
Nokia does not provide a warranty for or take any responsibility for the functionality, content, or end-user support of third-party applications provided with your device. By using an application, you acknowledge that the application is provided as is. Nokia does not make any representations, provide a warranty, or take any responsibility for the functionality, content, or end-user support of third-party applications provided with your device.
The availability of Ovi services may vary by region.

FCC NOTICE

Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

Some operations and features are SIM card and/or network dependent, MMS dependent, or dependent on the compatibility of devices and the content formats supported. Some services are subject to a separate charge.

/Issue 2.2 EN

Index

A

A-GPS (assisted GPS) 64
access codes 110
access points 83, 84, 85, 86, 93
accessories 104
alarm
— calendar note 95
alarm clock 94
answering calls 25
antennas 20, 64
application settings 104
applications 97, 99, 110
assisted GPS (A-GPS) 63
audio messages 38

B

backing up data 97
barring calls 108
battery 115
— charging 10
— inserting 6
— saving power 111
blocking
— device 90
blogs 63
Bluetooth 87, 88, 89, 90, 91
bookmarks 63
browser
See *web browser*

C

cable connection 91
cache memory 62
calculator 101
calendar 95, 96
calendar alarm 95
call log 28
call waiting 26
calls 23, 24
— answering 25
— conference 25
— duration of 28
— ending 26
— redialling 107
— rejecting 25
— restricting 37
— settings 107, 108
camera
— assigning images to contacts 53
— capturing images 52
— image mode 52
— location information 54
— recording 55
— scenes 53
— self-timer 54
— sending images 53
— video mode 55
certificates 106
charging the battery 10, 115
clock 94, 95
computer connections 92
See also *data connections*
conference calls 25
connectivity 86
contacts 36
— adding 34
— copying 36
— defaults 35
— deleting 34
— editing 34
— overview 34
— ringing tones 35
— saving 34
— sending 34
— synchronising 87
— voice tags 34
contacts bar 20
copying content 61
copyright protection 107

D

data calls 92
data connections 86
— Bluetooth 87
— PC connectivity 92
— synchronisation 87
date and time 102
declining calls
See *rejecting calls*
device
— updating 104
device setup 16
dictionary 102
display settings 22, 103
downloads
— podcasts 51
DRM (digital rights management) 107
duration of calls 28

E

e-mail 40, 43
— attachments 42
— deleting 43
— downloading 42
— mailbox 41, 46
— settings 41
e-mail messages 41
environmental tips 113

F

factory settings, restoring 106
feeds, news 63
file management 96, 97
fixed dialling 37

G

Gallery 55, 56, 57
gallery 55
general information 109
GPS 65
— position requests 66
GPS (Global Positioning System) 63
GPS (global positioning system) 63, 66, 70

H

headset 22
help application 109
home screen 13

I

IAPs (internet access points) 83
icons 18
images 56, 57
IMEI number 110
inbox, messages 39
indicators 18, 39
installing applications 97
internet
See *web browser*

J

Java applications 97

K

keypad lock 12
keys and parts 11

L

landmarks 66
language settings 103
licences 107
location information 63, 70
lock code 110
lock switch 12
locking
— remotely 22
locking the keys 12
logs 28
loudspeaker 21

M

Mail for Exchange 43
mailbox
— e-mail 41
— voice 25
Maps 67
— browsing 68
— changing views 69
— Check in 73
— compass 75
— display elements 69, 77
— downloading maps 70
— driving routes 76
— finding locations 71
— location details 72
— navigating 76, 78
— planning routes 79
— positioning 70
— saving places 72
— saving routes 72
— sharing locations 73
— synchronising 74
— traffic information 77
— viewing saved places 72
— viewing saved routes 72
— voice guidance 75
— walking routes 78
media
— music player 47
— RealPlayer 99
memory
— clearing 112
memory card 8, 9, 96
menu 14
messages 39
— e-mail 41
— folders for 37
— multimedia 39
— settings 44
MMS (multimedia message service) 38, 39, 45
multimedia messages 38, 39, 45
music 47
— playlists 48
music player 47
muting incoming calls 25

N

navigation tools 63
network settings 81
news feeds 63
Nokia Ovi Player 49
Nokia Services 16
Nokia support information 109
Notes 101
notification light 107

O

offline profile 20
outbox 38
Ovi Music 49
Ovi Store 16

P

packet data connection 28, 85, 92
pairing devices 89
personalising your device 15, 16
photos
See *camera*
PIN codes 110
playlists 48
podcasting 49, 50, 51
positioning information 63, 66, 70
predictive text input 33
profiles 47
— offline restrictions 20
proxy settings 86
PUK codes 110

R

radio
— listening 51

— stations 52
RealPlayer 99, 100
recent calls 28
recorder 101
recording
— video clips 55
recycling 113
rejecting calls 25
remote locking 22
remote mailbox 41
remote SIM mode 91
restoring settings 106
ringing tones 15
roaming 81

S

scenes 53
searching 93
security
— certificates 106
security code 110
security module 106
sensor settings 22
sent messages 37
service commands 44
service messages 40
settings 102
— access points 84, 85, 93
— accessories 104
— application manager 99
— applications 104
— Bluetooth 88
— calls 107, 108
— certificates 106
— data calls 92
— date and time 102
— display 103
— language 103
— messages 45
— network 81
— packet data 92
— podcasting 50
— positioning 66
— SIP 93
— video centre 61
— WLAN 83, 86
Settings wizard 17
Share online 57
— accounts 58
— activating 57
— creating posts 58
— posting 58
— subscribing 57
sharing media files online 57
shooting modes
— camera 53
shortcuts 21
SIM card 36
— inserting 6
— messages 44
SIM card security 105
SIP (session initiation protocol) 93
SMS (short message service) 38
software 97
software updates 110
songs 47
speakerphone 21
speed dialling 26
streaming 100
support 109
synchronisation 87

T

text input 30, 33
text messages
— sending 38
— settings 44
— SIM messages 44
themes 46
touch screen 14, 31, 33
transferring content 16, 17, 61

U

updates
— applications 110
— device 104
— phone software 110
uploading media files 57
USB cable connection 91
useful information 109

V

Video Centre 59
video centre
— downloading 59
— My videos 61
— video feeds 60
video clips 55
— playing 100
videos 57
— copying 61
— viewing 56, 59
virtual keyboard 29
virtual keypad 31
voice calls
See *calls*
voice commands 27, 103
voice dialling 27
volume control 21

W

web browser 62
— bookmarks 63
— browsing pages 62
— cache memory 62
web feeds 63
week settings 95
wireless LAN (WLAN) 81
WLAN (wireless local are network) 83
WLAN (wireless local area network) 81, 82, 86
world clock 95
wrist strap 23